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PHOTOGRAPHIC INTERPRETATION REPORT

226
SUMMARY



**BLACK SHIELD MISSION
BX 6732**

28 OCTOBER 1967

NPIC/R-290/67
DECEMBER 1967

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AUTOMATIC DOWNGRADING
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WARNING

This document contains information affecting
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793 and 794, of the U.S. Code, as amended.
Its transmission or revelation of its contents
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NO FOREIGN DISSEM**PREFACE**

This report represents a summary of targets covered by the subject mission. Those targets which reflect no significant change in facilities from the most adequate previous mission will carry the appropriate mission number and date, prefixed by the letters "NAC," as the last entry on the photo reference line. Targets which can be identified only will carry the letters IDO as the last entry on the photo reference line.

The header line for each target contains, reading from left to right, the installation name, the geographic coordinates, the World Aeronautical Chart (WAC) number, the Basic encyclopedia (BE) number, and the NPIC target number. The COMIREX target number, when available, appears between the installation name and coordinates.

All targets are arranged 1) by country, 2) within country, 3) within subject by WAC area, and 4) within WAC area by geographic coordinates in ascending order.

The map base used for derivation of coordinates is the best available among these sources: US Air Force Chart Series 200K; AMS 1:150,000 and 1:250,000; JOCG 1:1250,000; ONGC 1:1,000,000; and INM 1:1,000,000.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (clear), SC (scattered cloud cover), HC (heavy cloud cover), H (haze), CS (cloud shadow), S (snow), O (obliquity), SD (semidarkness), GC (ground cover), CP (camouflage), and SS (small scale).

Interpretability of the photography is characterized as G (good), F (fair), or P (poor). Target coverage is denoted by the symbol T (total) or PT (partial). The mode of coverage is indicated by ST (stereo), PS (partial stereo), or NS (nonstereo).

AAA defense are divided into four categories: automatic weapons (ZPU-1, ZPU-2, and ZPU-4), light (21-75mm), medium (76-100mm), and heavy (over 100mm). Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (e.g., 6-gun AAA site, occupied/unoccupied).

For the convenience of the user, an index to all targets is included. Targets are arranged alphabetically within a country.

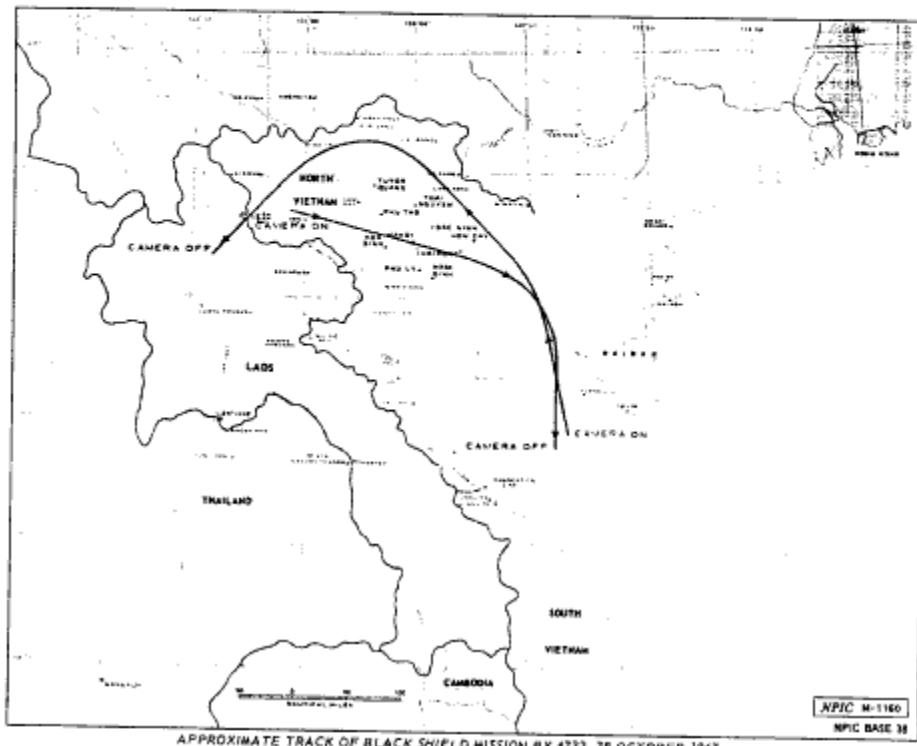
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NPIC R-250/67



APPROXIMATE TRACK OF BLACK SHIELD MISSION BX 6732, 26 OCTOBER 1967

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TABLE OF CONTENTS

	NPIC/R-296/67
	PAGE
CHINA-	
ELECTRONICS/COMMUNICATIONS.....	1
NAVAL/PORT FACILITIES.....	1
NORTH VIETNAM-	
MISSILES.....	1
AIR INSTALLATIONS.....	16
MILITARY INSTALLATIONS.....	19
ELECTRONICS/COMMUNICATIONS.....	29
INDUSTRY.....	32
BASIC SERVICES.....	33
NAVAL/PORT FACILITIES.....	37
STORAGE.....	42
URBAN COMPLEXES.....	46
UNIDENTIFIED ACTIVITY.....	48
MISCELLANEOUS.....	48
INDEX.....	49

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HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES IS OBSERVED IN NORTH VIETNAM.

A TOTAL OF 120 SA-2 SITES ARE IDENTIFIED IN NORTH VIETNAM. OF THE 120, 14 ARE OCCUPIED, 90 ARE UNOCCUPIED, AND 16 ARE IDENTIFICATION ONLY.

AN SA-2 MISSILE IS OBSERVED IN FLIGHT FOR THE FIRST TIME ON BX PHOTOGRAPHY. THE MISSILE WAS APPARENTLY FIRED FROM HA NOI SAM SITE A01-2 (133), WHICH IS IMAGED JUST SUBSEQUENT TO A LAUNCH.

AN OCCUPIED AIR WARNING RADAR FACILITY IS NEWLY IDENTIFIED 0.7 NM SSE OF PEI-LI, CHINA.

SEVEN MAJOR NORTH VIETNAM AIRFIELDS ARE OBSERVED, 6 ON CLOUD-FREE PHOTOGRAPHY OF GOOD INTERPRETABILITY.

THE MAJOR PORT FACILITIES OF HAI PHONG, CAM PHA, AND HON GAI ARE IMAGED ON CLOUD-FREE PHOTOGRAPHY OF GOOD INTERPRETABILITY. A POLTAVA LARGE-HATCH FREIGHTER IS OBSERVED AT ANCHOR IN THE ROADSTEAD WITH A DECK CARGO OF 8 LARGE CYLINDRICAL STORAGE TANKS AND 6 TRUCKS. AN ATLANT-CLASS OCEANGOING SALVAGE TUG IS OBSERVED FOR THE FIRST TIME IN NORTH VIETNAM.

A TOTAL OF 3 TARGETS IN CHINA ARE IMAGED ON OBLIQUE PHOTOGRAPHY.

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Target	Coordinates	WAC	Target Markers	
			BE	NPIC
-CHINA-				
-- ELECTRONICS/COMMUNICATIONS --				
PEI-LI AIR WARNING RADAR FACILITY 0.7 NM SSE OF PEI-LI. NEWLY IDENTIFIED SITE CONTAINS 1 EARTH MOUND AND 2 REVENTMENTS. OB -- 1 PROBABLE RANGE AND AZIMUTH RADAR AND 2 PROBABLE HEIGHTFINDER RADARS. (SEE ATTACHMENT)	1908N 10841E	8618		21-C
[REDACTED] 25X1D				
-- NAVAL/PORT FACILITIES --	25X1A			
PEI-LI PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D VESSELS -- 1 SMALL FREIGHTER AND 17 SMALL VESSELS. [REDACTED] 25X1D	1906N 10837E	8618	25X1A	21-B
PAT-HA-CHING PORT FACILITIES [REDACTED]	1943N 10912E	8618		41
[REDACTED] 25X1D				
-- NORTH VIETNAM --				
-- MISSILES --				
HAI PHONG SAM SITE B87-2 (98) SITE IS UNOCCUPIED.	2059N 10700E	8615		111
[REDACTED] 25X1D				
HA NOI SAM SITE C17A-2 (161) SITE IS UNOCCUPIED.	2037N 10557E	8616		318-8
[REDACTED]				
25X1D				

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NO FOREIGN DISSEM

25X1A

Target	25X1A	Coordinates	WAC	NPIC/R=298/67	
				BE	NPIC
HA NOI SAM SITE B17-2 (1) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2847N 10554E	0616	[REDACTED]	114-G
HA NOI SAM SITE B16-2 (162) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2849N 10557E	0616	[REDACTED]	265-C
HA NOI SAM SITE B21-2 (2) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2851N 10545E	0616	[REDACTED]	114-H
HOA BINH SAM SITE B88-2 (212) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2852N 10533E	0616	[REDACTED]	261-C
HA NOI SAM SITE A17A-2 (45) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2852N 10554E	0616	[REDACTED]	266-G
HOA BINH SAM SITE A84-2 (218) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2853N 10523E	0616	[REDACTED]	428-K
HOA BINH SAM SITE B88A-2 (245) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2853N 10535E	0616	[REDACTED]	266-J
HA NOI SAM SITE B25-2 (11) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2854N 10536E	0616	[REDACTED]	266-E
HA NOI SAM SITE A19-2 (15) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2855N 10550E	0616	[REDACTED]	266-F

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NO FOREIGN DISSEM

25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	WAC	Target Number	
				SE	NPIC
HA NOI SAM SITE A24-2 (19)		2856N 10543E	#616		256-F
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND 5 VAN TRAILERS, A REVETTED ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRAILERS, AND 3 MISSILE-HOLD REVETMENTS (2 OCCUPIED BY SHELTERS AND 1 UNOCCUPIED). OB -- 6 PROBABLE SA-2 MISSILES ON LAUNCHERS, A FAN SONG RADAR, 5 VAN TRAILERS, AND 2 PROBABLE VAN TRAILERS.	25X1D	25X1A			
HA NOI SAM SITE A14-2 (142)		2856N 10558E	#616		499-B
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 6 ASSOCIATED VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 6 VANS.	25X1D	25X1A			
HOA BINH SAM SITE B83-2 (249)		2857N 10531E	#616		428-N
SITE IS UNOCCUPIED.	25X1D				
HA NOI SAM SITE A15-2 (243)		2857N 10554E	#616		256-N
SITE CONSISTS OF 5 UNREVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 4 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 4 VANS.	25X1D	25X1A			
HA NOI SAM SITE B27-2 (180)		2859N 10533E	#616		529
SITE IS UNOCCUPIED.	25X1D				

3

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NO FOREIGN DISSEM

25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	MAC	Target Numbers	
				EE	NPIC
HAI PHONG SAM SITE D22-2 (152)	25X1D	[REDACTED]	2824N 10624E	8616	379-D
HAI PHONG SAM SITE D23-2 (174)	25X1D	[REDACTED]	2828N 10614E	8616	236-K
HA NOI SAM SITE C17B-2 (165) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2833N 10608E	8616	392-C
HA NOI SAM SITE C17-2 (147)	25X1D	[REDACTED]	2836N 10601E	8616	269-C
HA NOI SAM SITE C16-2 (166) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2841N 10605E	8616	362-A
HAI PHONG SAM SITE A17A-2 (86) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2842N 10644E	8616	371-F
HAI PHONG SAM SITE B25-2 (238) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2844N 10622E	8616	535
HAI PHONG SAM SITE A20-2 (251) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2844N 10639E	8616	189-V
HA NOI SAM SITE C13-2 (81) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2845N 10613E	8616	393-A
HAI PHONG SAM SITE A23-2 (66) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2845N 10635E	8616	371-A

NO FOREIGN DISSEM

25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE A22-2 (252) SITE IS UNOCCUPIED.	25X1D	2845N 10636E	0616		371-H
HAI PHONG SAM SITE C26-2 (229) SITE IS UNOCCUPIED.	25X1D	2847N 10617E	0616		393-C
HAI PHONG SAM SITE A17-2 (34) SITE IS UNOCCUPIED.	25X1D	2847N 10642E	0616		109-N
HAI PHONG SAM SITE B27-2 (289) SITE IS UNOCCUPIED.	25X1D	2849N 10623E	0616		310-I
HAI PHONG SAM SITE A26-2 (246) SITE IS UNOCCUPIED.	25X1D	2849N 10633E	0616		228-B
HAI PHONG SAM SITE A14-2 (137) SITE IS UNOCCUPIED.	25X1D	2849N 10643E	0616		109-A1
HAI PHONG SAM SITE A14A-2 (228) SITE IS UNOCCUPIED.	25X1D	2849N 10643E	0616		109-A3
HA NOI SAM SITE B13-2 (184) SITE IS UNOCCUPIED.	25X1D	2850N 10605E	0616		531
HAI PHONG SAM SITE C27-2 (224) SITE IS UNOCCUPIED.	25X1D	2850N 10617E	0616		310-K

5

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NO FOREIGN DISSEM

25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE A27-2 (99) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2851N 10637E	#616	189-Z4
HA NOI SAM SITE C12-2 (88) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2852N 10611E	#616	312-C
HAI PHONG SAM SITE B28-2 (68) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2852N 10620E	#616	318-E
HAI PHONG SAM SITE A29-2 (21) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2852N 10634E	#616	189-S
HAI PHONG SAM SITE C28-2 (73) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2853N 10617E	#616	318-G
HAI PHONG SAM SITE A29A-2 (37) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2853N 10631E	#616	189-Z
HAI PHONG SAM SITE A29B-2 (236) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2853N 10633E	#616	189-Z7
HAI PHONG SAM SITE A31A-2 (219) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2854N 10635E	#616	371-B1
HAI PHONG SAM SITE A31-2 (78) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	[REDACTED]	2854N 10636E	#616	371-B

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NO FOREIGN DISSEM

25X1A

NPIIC/R-298/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIIC
HAI PHONG SAM SITE A33A-2 (93) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2854N 10638E	8616	[REDACTED]	189-Z3
HA NOI SAM SITE C11-2 (84) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2855N 10615E	8616	[REDACTED]	312-B
HAI PHONG SAM SITE A82A-2 (253) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2855N 10642E	8616	[REDACTED]	189-J1
HAI PHONG SAM SITE A87-2 (55) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2855N 10650E	8616	[REDACTED]	249-C
HA NOI SAM SITE B12-2 (3) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 BY A LAUNCHER ONLY) AND A CENTRAL GUIDANCE AREA OCCUPIED BY A FAN SONG-RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES; 6 LAUNCHERS, A FAN SONG RADAR, AND 5 VANS. [REDACTED] 25X1D	[REDACTED]	2856N 10604E	8616	[REDACTED]	312-A
HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AREA [REDACTED] 25X1D	[REDACTED]	2856N 10628E	8616	[REDACTED]	427-D
HAI PHONG SAM SITE A33-2 (71) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2856N 10636E	8616	[REDACTED]	371-C
HAI PHONG SAM SITE A82-2 (85) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2856N 10642E	8616	[REDACTED]	371-E

7

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25X1A

NPIC/R-290/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE A06-2 (135) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2856N 10648E	8616	[REDACTED]	249-F
HAI PHONG SAM SITE B06-2 (139) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2857N 10651E	8616	[REDACTED]	249-G
HAI PHONG SAM SITE B06-2 (147) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2858N 10651E	8616	[REDACTED]	249-H
HAI PHONG SAM SITE B30-2 (61) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2859N 10621E	8616	[REDACTED]	318-F
HA NOI SAM SITE A11-2 (9) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 5 VANS. [REDACTED]	25X1D	2100N 10555E	8616	[REDACTED]	114-I
HA NOI SAM SITE B26-2 (189) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2101N 10532E	8616	[REDACTED]	244-F
HA NOI SAM SITE A18-2 (14) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS. [REDACTED]	25X1D	2101N 10558E	8616	[REDACTED]	114-K

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NMIC
HA NOI SAM STORAGE/ASSEMBLY & BKS GIA LAM NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D DB -- NONE DISCERNIBLE.	2122N 10553E	B616		114-A
[REDACTED] 25X1D [REDACTED] 25X1A HOA BINH SAM SITE B04-2 (247) SITE IS UNOCCUPIED.	2123N 10531E	B616	25X1A	244-G
[REDACTED] 25X1D HA NOI SAM SITE B29-2 (17) SITE IS UNOCCUPIED.	2104N 10539E	B616		462-K
[REDACTED] 25X1D HA NOI SAM SITE A29-2 (41) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (2 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, AND 2 UNOCCUPIED), A GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 8 PROBABLE VAN TRAILERS, AN ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRUCKS, AND 3 MISSILE-HOLD REVETMENTS OCCUPIED BY 4 PROBABLE SHELTERS/VEHICLES. DB -- 2 PROBABLE SA-2 MISSILES, 4 LAUNCHERS, A PROBABLE FAN SONG RADAR, 2 PROBABLE VAN TRUCKS, 8 PROBABLE VAN TRAILERS, AND 4 SHELTERS/VEHICLES.	2104N 10541E	B616		462-J
[REDACTED] 25X1A HA NOI SAM SITE A31-2 (159) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, AND 1 UNOCCUPIED), A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 VAN TRAILERS, AND AN OCCUPIED ACQUISITION RADAR POSITION. DB -- 3 PROBABLE SA-2 MISSILES, 5 LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 5 VAN TRAILERS.	2104N 10546E	B616		112-M1
25X1D				

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25X1A

NPIC/R-298/67

Target	Coordinates	NAC	Target Numbers	
			BE	NPIC
HA NOI SAM SITE A34-2 (244) SITE CONSISTS OF 4 UNREVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND AN UNREVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 VAN TRAILERS. DB -- 4 SA-2 MISSILES ON LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 5 VAN TRAILERS.	2104N 10549E	8616		112-M2
25X1D				
HA NOI SAM SITE C28-2 (13) SITE IS UNOCCUPIED.	2105N 10529E	8616		114-J
25X1D				
HA NOI SAM SITE B30-2 (16) SITE IS UNOCCUPIED.	2106N 10539E	8616		462-L
25X1D				
HA NOI SAM SITE A81-2 (133) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED BY MISSILES ON LAUNCHERS AND 2 BY LAUNCHERS ONLY) AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR AND 4 VANS. SMOKE AT SITE INDICATES RECENT MISSILE FIRING. DB -- 4 SA-2 MISSILES, 6 LAUNCHERS, A GUIDANCE RADAR, AND 4 VANS. (SEE ATTACHMENT)	2107N 10552E	8616		221-L
25X1D				
HOA BINH SAM SITE B02-2 (237) SITE IS UNOCCUPIED.	2108N 10525E	8616		208-G
25X1D				
HA NOI SAM SITE C29A-2 (211) SITE IS UNOCCUPIED.	2108N 10527E	8616		248-C
25X1D				

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NO FOREIGN DISSEM

25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE B30A-2 (43) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 OCCUPIED BY MISSILES ON LAUNCHERS, 1 BY A POSSIBLE LAUNCHER, AND 2 UNOCCUPIED), A GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR, AND 5 VANS, AND AN ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRUCKS. OB -- 3 SA-2 MISSILES ON LAUNCHERS, 1 POSSIBLE LAUNCHER, A GUIDANCE RADAR, 5 VANS, AND 2 PROBABLE VAN TRUCKS.	25X1D	2108N 10535E	8616	[REDACTED]	248-B
HA NOI SAM SITE A85-2 (158) SITE IS UNOCCUPIED.	25X1D	2108N 10558E	8616	[REDACTED]	375-A
HA NOI SAM SITE A33-2 (125) SITE IS UNOCCUPIED.	25X1D	2109N 10546E	8616	[REDACTED]	523
HA NOI SAM SITE A01A-2 (242) SITE IS UNOCCUPIED.	25X1D	2109N 10551E	8616	[REDACTED]	221-0
HA NOI SAM SITE B33-2 (64) SITE IS UNOCCUPIED.	25X1D	2110N 10544E	8616	[REDACTED]	411-A
HA NOI SAM SITE B04-2 (5) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS.	25X1D	2111N 10559E	8616	[REDACTED]	206-E

11

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25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	VAC	Target Numbers	
				SE	NPIC
HA NOI SAM SITE C38D-2 (92) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2112N 10530E	8616	262-B
HA NOI SAM SITE C38-2 (7)	25X1D	[REDACTED]	2113N 10521E	8616	288-C
HA NOI SAM SITE B34A-2 (234) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS AND 2 UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 PROBABLE VAN TRAILERS. OB -- 4 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 5 PROBABLE VAN TRAILERS.	25X1D	[REDACTED]	2113N 10545E	8616	411-C
HA NOI SAM SITE B01A-2 (124) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2114N 10553E	8616	524
HA NOI SAM SITE B32-2 (146) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2115N 10535E	8616	262-E
HA NOI SAM SITE B01-2 (119) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2117N 10553E	8616	326-K
HA NOI SAM SITE C33-2 (128) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2118N 10537E	8616	241-I
HA NOI SAM SITE C32-2 (143) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2119N 10531E	8616	241-J

12

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25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE C02-2 (56) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2122N 10558E	0616		294-B
HA NOI SAM SITE D31B-2 (29)	[REDACTED]	2123N 10520E	0616		378-C
HA NOI SAM SITE D31C-2 (131)	[REDACTED]	2124N 10517E	0616		525
HA NOI SAM SITE C01-2 (53)	[REDACTED]	2125N 10551E	0616		414-A
HA NOI SAM SITE C01B-2 (128)	[REDACTED]	2128N 10552E	0616		513-B
HA NOI SAM SITE C01E-2 (285)	[REDACTED]	2128N 10555E	0616		513-D
HA NOI SAM SITE C01A-2 (63)	[REDACTED]	2129N 10554E	0616		415-A
HA NOI SAM SITE C01D-2 (195)	[REDACTED]	2130N 10552E	0616		242-S
HAI PHONG SAM SITE C30-2 (72) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2161N 10619E	0616		378-B
HAI PHONG SAM SITE B36-2 (251) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2162N 10641E	0616		189-ZB
HAI PHONG SAM SITE B01A-2 (121) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2182N 10642E	0616		189-X1

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25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	MAC	Target Numbers	
				SE	NPIC
HAI PHONG SAM SITE B01-2 (35) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2102N 10643E	0616	[REDACTED]	109-X
HAI PHONG SAM SITE B34-2 (104) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2104N 10634E	0616	[REDACTED]	309-A
HAI PHONG SAM SITE C32A-2 (59) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2106N 10622E	0616	[REDACTED]	302-B
HAI PHONG SAM SITE C32-2 (58) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2106N 10623E	0616	[REDACTED]	302-A
HAI PHONG SAM SITE B33-2 (38) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2107N 10630E	0616	[REDACTED]	109-Z1
HA NOI SAM SITE B07-2 (95) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2108N 10609E	0616	[REDACTED]	206-G
HA NOI SAM SITE B#7A-2 (148) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2109N 10608E	0616	[REDACTED]	206-G1
HA NOI SAM SITE C#6A-2 (78) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2115N 10616E	0616	[REDACTED]	238-J
HA NOI SAM SITE C#7-2 (38) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2116N 10619E	0616	[REDACTED]	238-G

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25X1A

NPIC/R-298/67

Target Numbers

BE

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Target	25X1A	Coordinates	VAC	Target Numbers
HA NOI SAM SITE C05-2 (62) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2117N 10605E	0616	286-F
HA NOI SAM SITE B04A-2 (186) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2118N 10602E	0616	286-F1
HA NOI SAM SITE D06-2 (105) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2118N 10621E	0616	496-A
HA NOI SAM SITE C03A-2 (141) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2119N 10602E	0616	284-D
HA NOI SAM SITE C06-2 (32) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2119N 10615E	0616	288-H
HA NOI SAM SITE C04A-2 (57) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2120N 10608E	0516	288-I
HA NOI SAM SITE C03-2 (138) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2121N 10608E	0616	284-C
HA NOI SAM SITE C03B-2 (167) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 POSSIBLY OCCUPIED BY MISSILES ON LAUNCHERS AND 3 UNOCCUPIED). OBLIQUITY PRECLUDES IDENTIFICATION OF ELECTRONICS EQUIPMENT. DB -- 3 POSSIBLE SA-2 MISSILES ON LAUNCHERS. [REDACTED] 25X1D	[REDACTED]	2121N 10608E	0616	284-E

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25X1A

NPIC/R-298/67

Target	25X1A	Coordinates	NAC	Target Numbers	
				RE	NPIC
HA NOI SAM SITE C85B-2 (171)	25X1D	[REDACTED]	2122N 10615E	0616	281-A
HA NOI SAM SITE E87-2 (31)	25X1D	[REDACTED]	2122N 10635E	0616	397-D
HAI PHONG SAM SITE D35A-2 (97) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2123N 10634E	0616	397-F
HA NOI SAM SITE C84-2 (54) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	2124N 10611E	0616	211-E
HA NOI SAM SITE D84-2 (33)	25X1D	[REDACTED]	2125N 10612E	0616	211-C
VINH SAM SITE C32B-2 (149) SITE IS UNOCCUPIED.	25X1D	[REDACTED]	1859N 10518E	0617	283-B
-- AIR INSTALLATIONS --					
TIEN YEN AIRFIELD 25X1D	25X1D	[REDACTED]	2119N 10725E	0615	184-B
NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- NONE OBSERVED.	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HANDI/BAC MAI AIRFIELD 25X1D	25X1A	[REDACTED]	2059N 10550E	0616	112-E
RUNWAY IS SERVICEABLE. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- AT LEAST 2 STRAIGHT-WING IN HANGAR.	25X1D	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
25X1D	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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25X1A
NPTC/R-298/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				REF	NPC
HAI PHONG/KIEN AN AIRFIELD CRATERS ON RUNWAY ARE REPAIRED. RUNWAY IS SERVICEABLE. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]	[REDACTED] 25X1D [REDACTED] 25X1D [REDACTED] 25X1D	2848N 10636E	0616	[REDACTED]	189-B
HAI PHONG/CAT BI AIRFIELD 3.5 NM SE OF HAI PHONG. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D RUNWAY IS UNSERVICEABLE DUE TO BOMB DAMAGE. OB -- 2 COLT (1 POSSIBLY DAMAGED AND 1 PARTIALLY CAMOUFLAGED).	[REDACTED] 25X1D	2849N 10643	0616	[REDACTED]	189-A
THO KHOI HELICOPTER DISPERSAL AREA 2.2 NM SE OF HANOI/GIA LAM AIRFIELD AT UTM [REDACTED] NO FACILITIES OBSERVED.	25X1D [REDACTED] 25X1D	2108N 10554E	0616	[REDACTED]	533
HOA LAC AIRFIELD CRATERS ON RUNWAY ARE REPAIRED. RUNWAY IS PROBABLY SERVICEABLE. NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- 2 DELTA-WING DECOY AND 2 FAGOT/FRESCO WITHOUT TAIL SECTIONS.	25X1D [REDACTED] 25X1D	2101N 10538E	0616	[REDACTED]	244-D
HANOI/GIA LAM AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- 2 FAGOT/FRESCO, 1 CAB, 1 PROBABLE T-28, AND 1 CAB WITH WINGS REMOVED.	25X1D [REDACTED] 25X1D	2102N 10553E	0616	[REDACTED]	114

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NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HOA LAC HELICOPTER DISP AREA HELICOPTER DISPERSAL AREA AT UTM [REDACTED] SUBJECT TO AIRSTRIKES. NO FACILITIES OBSERVED. OB -- 2 DESTROYED HOOK AND 3 DAMAGED/DESTROYED HOUND. [REDACTED] 25X1D	2105N 10524E	#616		541
HA NOI HELICOPTER DISPERSAL AREA NO FACILITIES OBSERVED. OB -- 1 HOOK. [REDACTED] 25X1D	2105N 10549E	#616		112-Q4
TONG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- NONE OBSERVED. [REDACTED] 25X1D	2106N 10527E	#616	25X1A	248-A
PHUC YEN AIRFIELD RUNWAY IS PROBABLY UNSERVICEABLE. AT LEAST 2 OF THE COVERED REVETMENTS ON THE MAIN PARKING APRONS HAVE BEEN DESTROYED. AN ADDITIONAL COVERED REVETMENT IS OBSERVED ALONG THE ACCESS TAXIWAY TO THE DISPERSAL AREA NORTH OF THE AIRFIELD. OB -- 3 FISHBED, 3 FAGOT/FRESCO, 3 POSSIBLE SMALL AIRCRAFT, AND 1 HOUND AT OLD AIRFIELD. [REDACTED] 25X1D	2113N 10548E	#616		326-C
KEP HA AIRFIELD 3 NM EAST OF KEP HA. 3,200 FT 70 FT NE/SW PACKED EARTH/MACADAM RUNWAY, UNSERVICEABLE. FACILITIES CONSISTS OF AN EARTHEN PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS, 12 AIRCRAFT REVETMENTS IN DISPERSAL AREA TO THE SE, AND 3 AIRCRAFT PARKING REVETMENTS BEHIND SUPPORT FACILITIES TO NW. SUPPORT FACILITIES CONSISTS OF A SEVERELY DAMAGED OPERATIONS BUILDINGS, 2 SUPPORT BUILDINGS AT AIRFIELD, AND 6 SUPPORT/STORAGE BUILDINGS IN DISPERSED STORAGE AREA	2122N 10640E	#616		397

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NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
AROUND 2 LOOP ROADS TO NH OF RUNWAY. OB -- 1 PROBABLE DERELICT STRAIGHT-WING AIRCRAFT IN REVETMENT.				
██████████ 25X1D	██████████ 25X1A			
KEP AIRFIELD	██████████ 25X1D	██████████	2124N 10616E #616	25X1A 211
LANG SON AIRFIELD 1 NM SE OF LANG SON. 3,700 X 250 FT>NNW/SSE SOD RUNWAY WITH LANDING LIGHTS, SERVICEABLE. FACILITIES CONSISTS OF 17 EARTHEN AIRCRAFT REVETMENTS AND A SUPPORT AREA SE OF RUNWAY WITH 1 ADMINISTRATION BUILDING, 2 BARRACKS, 1 L-SHAPED AND 6 SMALL SUPPORT BUILDINGS, AND A WEATHER STATION. OB -- NONE.	██████████ 25X1D		2150N 10646E #616	119-A
LAO CAI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE ██████████ ██████████ 25X1D OB -- NONE OBSERVED.	██████████ 25X1D		2228N 10358E #616	5-A
CAO BANG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE ██████████ ██████████ 25X1D OB -- NONE OBSERVED.	██████████ 25X1D		2239N 10616E #616	134
-- MILITARY INSTALLATIONS -- 25X1D				
HA NOI - POSSIBLE BARRACKS AREA BAD MAI	██████████		2059N 10558E #616	112-F

19

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NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
PHU YEN MILITARY INSTALLATION [REDACTED]	2848N 10542E	0616		345
THUONG LAM MILITARY AREAS [REDACTED]	2849N 10539E	0616		238-A
NINH DUONG ARMY BARRACKS SW NGA MY [REDACTED]	2851N 10545E	0616	25X1A	265
VAN TRAI MILITARY AREAS 3 MILITARY AREAS IN VICINITY OF VAN TRAI. AREA A (UTM [REDACTED] -- NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE [REDACTED] 67. 25X1D AREA B (UTM [REDACTED] -- CLOUD COVERED. AREA C (UTM [REDACTED] -- NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D [REDACTED] 25X1D	2852N 10552E	0616		266-B
XUAN MAI ARMY BARRACKS SSW [REDACTED]	2853N 10534E	0616		261
THUONG DINH ARMY BARRACKS NORTH 25X1D 2.2 NM NORTH OF VAN TRAI AT UTM [REDACTED] SUBJECTED TO AIRSTRIKES, AREA NOW CONSISTS OF 1 ADMINISTRATION BUILDING, 11 BARRACKS, 1 MESSHALL, 6 STORAGE BUILDINGS, 2 PROBABLE AMMUNITION STORAGE BUILDINGS, AND 14 SUPPORT BUILDINGS. [REDACTED] 25X1D	2854N 10551E	0616		266
CHUC SON ARMY BARRACKS NORTH [REDACTED]	2856N 10542E	0616		256-C
25X1D				

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25X1A

NPIG/R-298/67

Target Numbers

Target	Coordinates	WAC	RE	NMIC
XUAN MAI ARMY BARRACKS NNW HDA MUC 2.8 NM NNW OF XUAN MAI AT UTM [REDACTED] 25X1D EIGHT BUILDINGS REMAIN INTACT. ALL OTHERS HAVE BEEN DISMANTLED OR DESTROYED. 25X1D [REDACTED]	2057N 10534E	8616		261-A
HA DONG ARMY BARRACKS SW [REDACTED] 25X1D	2057N 10545E	8616		256
HA DONG ARMY BARRACKS [REDACTED] 25X1D	2058N 10546E	8616		256-B
GIAP NHAT SUPPLY & MAINTENANCE FACILITY [REDACTED] 25X1D	2058N 10550E	8616		256-K
HA NOI BARRACKS AREA GIAP LUC 25X1D 1 NM SOUTH OF HA NOI AT UTM [REDACTED] FACILITY CONSISTS OF 3 AREAS. AREA A (SERVED BY ROUTE 1A) -- SUBJECT TO AIRSTRIKES. BARRACKS AREA CONTAINS 56 BARRACKS (3 DAMAGED), 1 MESSHALL, AND 46 SUPPORT BUILDINGS (3 DAMAGED). AREA B -- STORAGE AREA CONTAINS 10 STORAGE BUILDINGS AND 9 SUPPORT BUILDINGS. AREA C -- ADMINISTRATION AREA CONTAINS 8 ADMINISTRATION BUILDINGS AND 16 SUPPORT BUILDINGS. [REDACTED] 25X1D	2058N 10551E	8616		112-E2
DAI MO ARMY BARRACKS WSW [REDACTED] 25X1D	2059N 10543E	8616		256-E
HA NOI ARMY BARRACKS BAC MAI AIRFIELD NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS [REDACTED] 25X1D	2059N 10549E	8616		112-G

21

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25X1A

NPTC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			DE	NPIIC
HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG [REDACTED] 25X1D	2848N 10638E	0616	[REDACTED]	189-G
HAI PHONG ORDNANCE DEPOT KIEN AN [REDACTED] 25X1D	2848N 10638E	0616	[REDACTED]	268-B
HAI PHONG ARMY BARRACKS KIEN AN [REDACTED] 25X1D	2849N 10638E	0616	[REDACTED]	189-F
HAI PHONG ARMY BARRACKS SE CAT BI [REDACTED] 25X1D	2849N 10642E	0616	[REDACTED]	189-A2
LOI DONG ARMY BARRACKS [REDACTED] 25X1D	2853N 10636E	0616	[REDACTED]	225
HAI PHONG ARMY BARRACKS NORTH [REDACTED] 25X1D	2853N 10641E	0616	[REDACTED]	189-J
BAN YEN NHAN ARMY BARRACKS [REDACTED] 25X1D	2856N 10602E	0616	[REDACTED]	312
HAI DUONG BARRACKS WEST 25X1D THREE SEPARATELY FENCED BARRACKS AREAS 1-6 NM WSW OF HAI DUONG AT UTM [REDACTED] ALL AREAS HAVE BEEN SUBJECT TO AIR STRIKES. AREA A (WEST AREA) -- 1 DESTROYED, 3 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION BUILDING, AND 3 STORAGE BUILDINGS. AREA B (CENTRAL AREA) -- 5 DESTROYED, 1 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 5 MISCELLANEOUS BUILDINGS. AREA C (EAST AREA) -- 6 DESTROYED BARRACKS, 1 DESTROYED	2856N 10619E	0616	[REDACTED]	318-A

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NPIC/R-292/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MESSHALL, 1 UNDAMAGED ADMINISTRATION BUILDING. [REDACTED] 25X1D			25X1A	
HAI DUONG MILITARY INSTALLATION 25X1D 1.5 NM ESE OF HAI DUONG AT UTM [REDACTED] FENCE-SECURED INSTALLATION CONTAINS 2 BARRACKS, 2 VEHICLE SHEDS, 1 ADMINISTRATION/SUPPORT BUILDING (WITH ROOF PARTIALLY REMOVED), 1 PARTIALLY DISMANTLED, REVETTED STORAGE BUILDING, AND 3 SUPPORT BUILDINGS. [REDACTED] 25X1D	2656N 10621E	0616	[REDACTED]	318-C
HAI DUONG BARRACKS NORTH 25X1D 1.5 NM NDRTH OF HAI DUONG AT UTM [REDACTED] SECURED AREA HAS BEEN SUBJECT TO AIRSTRIKES. AREA CONTAINS 3 DESTROYED AND 1 DAMAGED BARRACKS, 1 DAMAGED H-SHAPED MESSHALL, 3 DAMAGED REVETTED STORAGE BUILDINGS, 2 DAMAGED VEHICLE SHEDS, AND 2 UNDAMAGED SUPPORT BUILDINGS. [REDACTED] 25X1D	2057N 10622E	0616	[REDACTED]	318-B
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE [REDACTED] 25X1D	2122N 10301E	0616	[REDACTED]	185-A
SON DONG MILITARY BARRACKS SW [REDACTED] 25X1D	2100N 10529E	0616	[REDACTED]	247
HA NOI MILITARY STORAGE AREA PHU THI 7 NM EAST OF HA NOI RR CLASSIFICATION YARD AT UTM 25X1D A LARGE FENCED AREA CONTAINS 33 WAREHOUSE-TYPE BUILDINGS (1 VENTED), 26 OTHER BUILDINGS, AND LIMITED OPEN STORAGE. A SECOND FENCED AREA CONTAINS 6 WAREHOUSE-TYPE BUILDINGS AND 9 OTHER BUILDINGS. [REDACTED] 25X1D	2100N 10558E	0616	[REDACTED]	499

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25X1A

NPIC/R-298/67

	Target	Coordinates	WAC	Target Numbers	
				RE	NPIC
	HA NOI AREA ARMY BARRACKS WEST YEN LANG [REDACTED] 25X1D	2101N 10549E	0616	[REDACTED]	112-I
	YEN SO BARRACKS AREA [REDACTED] 25X1D	2102N 10548E	0616	[REDACTED]	462-G
25X1D	HA NOI VEHICLE & RADAR MAINTENANCE FACILITY 5.1 NM WNW OF HA NOI AT UTM [REDACTED] 25X1D FACILITY IS OCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 08 -- 1 PROBABLE FIRE CAN RADAR, 4 PROBABLE VAN TRUCKS, AND 8 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D	2102N 10545E	0616	[REDACTED]	462-A
	HA NOI ARMY BARRACKS WNW MAI DICH [REDACTED] 25X1D	2102N 10545E	0616	[REDACTED]	462-A1
	HA NOI ARMY BARRACKS WEST MAI DICH [REDACTED] 25X1D	2102N 10546E	0616	[REDACTED]	112-L
	HA NOI PROBABLE MILITARY AREA [REDACTED] 25X1D	2102N 10548E	0616	[REDACTED]	112-R1
	HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL HQ [REDACTED] 25X1D	2102N 10558E	0616	[REDACTED]	112-A
	SON DONG ARMY BARRACKS AND SCHOOL [REDACTED] 25X1D	2103N 10531E	0616	[REDACTED]	244-A

24

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25X1A

NPTC/B-290/67

Target	Coordinates	NAC	Target Numbers	
			SE	NPC
DAN NOI ARMY BARRACKS SOUTH	2103N 10543E	0616		462-C
HA NOI ARMY BARRACKS NE GIA THUONG	2103N 10552E	0616		114-E
HA NOI ARMY BARRACKS NW THUY PHUONG	2104N 10546E	0616		112-M
DONG LAC ARMY BARRACKS 25X1D 0.8 NM WEST OF DAN PHUONG ON EAST BANK OF THE SONG DAY (RIVER) AT UTM [REDACTED] BARRACKS AREA CONTAINS 1 ADMINISTRATION BUILDING, 16 BARRACKS, 1 LARGE STORAGE BUILDING, AND 8 SMALLER STORAGE/SUPPORT BUILDINGS. SECURED AREA IMMEDIATELY NORTH CONTAINS 2 LARGE STORAGE (1 REVETTED) AND 2 SMALL SUPPORT BUILDINGS. [REDACTED] 25X1D	2105N 10539E	0616		426-E
SON TAY ARMY BARRACKS SW TONG	2107N 10528E	0616		248
KINH NO MILITARY INSTALLATION	2107N 10551E	0616		221-H
BINH HA BARRACKS AREA	2107N 10557E	0616		297
XOM CHAN DA MILITARY INSTALLATION 25X1D TWO AREAS REFERENCED FROM XOM CHAN DA. AREA A (1.4 NM NW AT UTM [REDACTED] -- AT LEAST 10 BUILDINGS ARE DESTROYED/DISMANTLED. AREA APPEARS ABANDONED. FOUR BARRACKS AND 1 ADMINISTRATION BUILDING	2109N 10511E	0616		385-B

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NPIC/R-298/67

Target	25X1D	Coordinates	WAC	Target Numbers	
				BE	NPIC
REMAIN. AREA B (IN XUM CHAN DA AT UTM [REDACTED] -- 7 STORAGE BUILDINGS ADJACENT TO A LARGE HILL. [REDACTED] 25X1D				25X1A	
NGUYEN KHE STORAGE AREA TOWN 1 NM SOUTH OF NGUYEN KHE AT UTM [REDACTED] ENTIRE STORAGE AREA REMAINS DESTROYED/DISMANTLED. A NEW RAIL SPUR HAS BEEN CONSTRUCTED IN THE RAIL YARD AND 2 OTHER SPURS ARE IN AN EARLY STAGE OF CONSTRUCTION. RECENT EXCAVATING ON THE LONGEST YARD ACCESS SPUR INDICATES ALL 3 SPURS MAY BE DUAL/STANDARD-GUAGE TRACK TO COINCIDE WITH THE MAIN RAIL LINE. [REDACTED] 25X1D		2109N 10551E	0616	[REDACTED]	221-D
KINH NO MV REPAIR PLANT CUONG NO [REDACTED] 25X1D		2109N 10551E	0616	[REDACTED]	221-F
HUNG NHU MILITARY BARRACKS [REDACTED] 25X1D		2113N 10512E	0616	[REDACTED]	385-A
PHUC YEN ARMY BARRACKS [REDACTED] 25X1D		2113N 10542E	0616	[REDACTED]	326-B
HUNG HOA ARMY BARRACKS AND SUPPLY DEPOT [REDACTED] 25X1D		2115N 10517E	0616	[REDACTED]	385
PHUC YEN AIRFIELD BARRACKS [REDACTED] 25X1D		2116N 10549E	0616	[REDACTED]	326-1

26

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Target	Coordinates	WAC	NPIC/R-298/67	
			SE	NPIC
THANH TRI BARRACKS AREA	2117N 10546E	8616		224-0
DA PHUC MILITARY CAMP SW	2118N 10551E	8616		224-B
VINH YEN ARMY BARRACKS AND TRAINING AREA NORTH	2119N 10536E	8616	25X1A	241-D
HY KHE MILITARY AREAS	2120N 10541E	8616		241-F
DA PHUC MILITARY CAMP NNW	2120N 10551E	8616		224
XOM BAI ARMY BARRACKS NE THACH SON	2121N 10517E	8616		233-A
DUC THANG ARMY BARRACKS EAST	2121N 10559E	8616		284
VAN PHAT BARRACKS AREAS	2122N 10553E	8616		285-A
DUC THANG ARMY BARRACKS NNW	2122N 10559E	8616		284-A

27

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NO FOREIGN DISSEM

25X1A

NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			SE	NPIC
25X1D COT NGANH ARMY BARRACKS WEST	2124N 10551E	0616	[REDACTED]	303
COT NGANH BARRACKS NORTHEAST	2125N 10553E	0616	[REDACTED]	414
SEPT PAGODES BARRACKS & STORAGE AREA 8.6 NM ENE OF SEP PAGODES AT UTM [REDACTED] AREA CONTAINS 3 LARGE PARTIALLY DISMANTLED WAREHOUSES, 1 SMALL WAREHOUSE, AND 25 DISMANTLED/PARTIALLY DISMANTLED BUILDINGS. AREA APPEARS ABANDONED. [REDACTED] 25X1D	2106N 10618E	0616	[REDACTED]	302
MAT SON BARRACKS AREA	2106N 10623E	0616	[REDACTED]	302-A1
CHU MAU PROBABLE BARRACKS AREA	2109N 10606E	0616	[REDACTED]	206-J
BAC NINH ARMY BARRACKS	2112N 10603E	0616	[REDACTED]	206-4
CAO MANH MILITARY CAMP 1.5 NM SE OF CAO MANH AT UTM [REDACTED] CAMP CONTAINS 18 BARRACKS AND 1 ADMINISTRATION BUILDING. OTHER PREVIOUSLY REPORTED BUILDINGS HAVE APPARENTLY BEEN DISMANTLED. [REDACTED] 25X1D 25X1A	2110N 10627E	0616	[REDACTED]	396
BAC GIANG MILITARY AREA	2117N 10612E	0616	[REDACTED]	238-B
25X1D				

2B

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25X1A

NPIIC/R-298/67

Target Numbers

Target	Coordinates	WAC	BE	NPIIC
25X1D KEP HA ARMY BARRACKS SOUTH [REDACTED]	2121N 10636E	#616		397-C
25X1D KEP HA ARMY BARRACKS NORTHEAST [REDACTED]	2123N 10637E	#616		397-A
LOC BINH ARMY SUPPLY DEPOT ONE ADMINISTRATION BUILDING HAS ROOF REMOVED. NO APPARENT CHANGE IN REMAINING FACILITIES SINCE [REDACTED] 25X1D	2145N 10656E	#616		399
25X1D 25X1A LANG SON ARMY BARRACKS 25X1D [REDACTED]	2150N 10645E	#616		119-C
25X1D LAO CAI ARMY BARRACKS [REDACTED]	2229N 10358E	#616		5-E
25X1D LANG NHON BARRACKS AND STORAGE AREAS [REDACTED]	2225N 10401E	#616		328-I
25X1D BAC CAN ARMY BKS AND SUPPLY DEPOT [REDACTED]	2288N 10550E	#616		295-A
25X1D NUOC HAI BARRACKS AND STORAGE AREAS [REDACTED]	2244N 10609E	#616		439
-- ELECTRONICS/COMMUNICATIONS --				
TIEN YEN PROBABLE COMMUNICATION FACILITY [REDACTED] 25X1D	2119N 10724E	#615		104-A

29

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25X1A

NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI HF COMMUNICATIONS FAC PHU COC [REDACTED]	2851N 10553E	0616	[REDACTED]	256-A
HA DONG RADAR FACILITY 1.5 NM SE OF HA DONG. 25X1D FACILITY IS OCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- 1 PROBABLE FLAT FACE RADAR AND 1 SINGLE-AXLE GENERATOR TRAILER. [REDACTED] 25X1D	2856N 10547E	0616	[REDACTED]	256-J
NUI VIEN NAM AW/GCI FACILITY ON THE SUMMIT OF NUI VIEN NAM (MOUNTAIN) AT UTM [REDACTED] AND 5.5 NM SW OF HOA LAC AIRFIELD. SITE IS OCCUPIED BY A HEAVILY CAMOUFLAGED PROBABLE BIG BAR RADAR. OB -- 1 PROBABLE BIG BAR RADAR, 2 VAN TRAILERS, AND 1 POSSIBLE K-32 CRANE. [REDACTED] 25X1D	2857N 10526E	0616	[REDACTED]	428-L
HA NOI RADIO STATION DAI MO [REDACTED] 25X1D	2858N 10546E	0616	[REDACTED]	256-A
HA NOI HF COMMUNICATIONS FAC HA DONG [REDACTED] 25X1D	2858N 10547E	0616	[REDACTED]	256-H
HOA LAC AIRFIELD ILS COMPONENT [REDACTED] 25X1D	2859N 10532E	0616	[REDACTED]	244-01
HA DONG AW/GCI FACILITY 6.5 NM WSW OF HA NOI AT UTM [REDACTED] FACILITY IS UNOCCUPIED. PREVIOUSLY REPORTED BAR LOCK AND SIDE NET RADARS HAVE BEEN REMOVED SINCE [REDACTED] [REDACTED] 25X1D	2859N 10543E	0616	[REDACTED]	256-I

38 25X1D

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25X1A

NPIC/R-298/67

Target Numbers	Target	Coordinates	WAC
112-J	HA NOI HF COMMUNICATIONS FAC NW [REDACTED]	2859N 10547E	0616 [REDACTED]
112-E3	HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY [REDACTED] 25X1D	2859N 10549E	0616 [REDACTED]
112-E1	HANOI/BAC MAI AW/GCI FACILITY [REDACTED] 25X1D	2859N 10556E	0616 [REDACTED]
112-V	THUAN TON AIR WARNING RADAR FACILITY [REDACTED] 25X1D	2859N 10556E	0616 [REDACTED]
109-D1	HAI PHONG HF COMMUNICATIONS FAC [REDACTED] 25X1D	2052N 10642E	0616 [REDACTED]
462-F	HA NOI HF COMMUNICATIONS FAC SON DONG [REDACTED] 25X1D	2102N 10541E	0616 [REDACTED]
112-N	HA NOI RADIO COMMUNICATION STATION NORTHWEST 25X1D SOUTH EDGE OF DONG KHO AT UTM [REDACTED] FACILITY CONSISTS OF 3 PROBABLE HORIZONTAL DIPOLE ANTENNAS AND AN ADJACENT CONTROL/SUPPORT AREA CONTAINING APPROXIMATELY 20 BARRACKS/SUPPORT BUILDINGS. THE PREVIOUSLY REPORTED PROBABLE FISHBONE ANTENNA HAS BEEN REMOVED. [REDACTED] 25X1D	2103N 10548E	0616 [REDACTED]
221-K1	DUC NOI AIR WARNING RADAR FACILITY 25X1D 1.2 NM SSW OF DUC NOI AT UTM [REDACTED] SITE CONSISTS OF 2 LARGE REVETMENTS EACH OCCUPIED BY AN UNIDENTIFIED OBJECT. THE CONFIGURATION IS SIMILAR TO THE VAN TRUCK-MOUNTED FLAT-FACE RADAR AND ASSOCIATED SMALL GENERATOR OFTEN OBSERVED WITHIN THIS TYPE OF REVETMENTS. OB -- 2 UNIDENTIFIED OBJECTS.	2108N 10553E	0616 [REDACTED]

31

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NO FOREIGN DISSEM

NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D			25X1A	326-F
DONG LAI/PHUC YEN AW/GCI FACILITY 1 NM SOUTH OF PHUC YEN AIRFIELD AT UTM [REDACTED] FACILITY IS UNOCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D	2112N 10548E	8616	[REDACTED]	
[REDACTED] 25X1D				
NOI BAI RADIO BROADCAST STATION	2112N 10548E	8616		326-G
[REDACTED] 25X1D				
PHUC YEN ILS COMPONENT	2114N 10544E	8616		326-H
[REDACTED] 25X1D				
PHUC YEN/DUC HAU AW/GCI FACILITY	2114N 10553E	8616		326-L
[REDACTED] 25X1D				
-- INDUSTRY --				
HA NOI RUBBER PRODUCTS PLANT	2858N 10548E	8616		112-X
[REDACTED] 25X1D				
HA NOI MV REPAIR AND REASSEMBLY PLANT	2859N 10548E	8616		112-U2
[REDACTED] 25X1D				
HAI PHONG CEMENT PLANT WEST EDGE OF HAI PHONG AT UTM [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] PLANT REMAINS INOPERATIVE. 25X1D	2851N 10640E	8616		109-P1
[REDACTED] 25X1D				

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25X1A

NPIC/R-292/67

Target	Coordinates	WAC	Target Numbers	
			SE	NMIC
HA NOI LIGHT FAB AND MAINT FACILITY NGUYEN KHE 1.4 NM SOUTH OF NGUYEN KHE AT UTM [REDACTED] FACILITY IS APPARENTLY BEING DISMANTLED. APPROXIMATELY 18 BUILDINGS REMAIN INTACT. OB -- 1 POSSIBLE VEHICLE. [REDACTED] 25X1D	2108N 10551E	0616	[REDACTED]	221-JI
PHU THO CHEMICAL FERTILIZER PLANT LAM THAO [REDACTED] 25X1D	2119N 10517E	0616	[REDACTED]	233
VANG DANH ORE PROCESSING NEW [REDACTED] 25X1D	2107N 10647E	0616	[REDACTED]	388-A
TINH TUC TIN SMELTER AND REFINERY 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] IN CLOUD-FREE AREAS. [REDACTED] 25X1D	2239N 10552E	0616	[REDACTED]	293
-- BASIC SERVICES --				
HA DONG TRANSFORMER STATION [REDACTED] 25X1D	2057N 10545E	0616	[REDACTED]	256-L
HAI PHONG THERMAL POWERPLANT WEST NW EDGE OF HAI PHONG AT UTM [REDACTED] 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D PLANT REMAINS INOPERATIVE. [REDACTED] 25X1D 25X1A	2051N 10640E	0616	[REDACTED]	189-P
HAI PHONG RR STATION CLASS YD & SHOPS NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D ACTIVITY -- 8 PIECES OF ROLLING STOCK. [REDACTED] 25X1D	2051N 10641E	0616	[REDACTED]	189-L

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25X1A

NPIC/R-298/67

Target	Coordinates	VAC	Target Number	
			SE	NPIC
HAI PHONG TRANSFORMER STATION 2.4 NM NW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM [REDACTED] 25X1D STATION CONSISTS OF A REVETTED CONTROL BUILDING, A REVETTED TRANSFORMER AREA (WITH TRANSFORMER REMOVED), 1 SWITCHING YARD, AN OPEN WATER TANK, 3 TRANSFORMER/CIRCUIT-BREAKER OIL STORAGE TANKS, 1 GANTRY CRANE, 1 PROBABLE ADMINISTRATION/MAINTENANCE BUILDING, AND 1 SECURITY BUILDING. INSTALLATION IS SECURED BY A WALL WITH A WATCHTOWER AT EACH CORNER AND 4 LIGHT TOWERS. [REDACTED] 25X1D	2852N 10639E	8616	[REDACTED]	189-Z6
HAI PHONG THERMAL POWERPLANT EAST 25X1D 1.9 NM NE OF HAI PHONG AT UTM [REDACTED] 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D PLANT REMAINS INOPERATIVE. [REDACTED] 25X1D	2852N 10642E	8616	[REDACTED]	189-0
PHAM XA RR CLASSIFICATION YARD 25X1D 8.2 NM NW OF PHAM XA AT UTM [REDACTED] ALL 3 TRACKS OF RAIL YARD APPEAR REPAIRED AND SERVICEABLE. PASSENGER TERMINAL AND SUPPORT BUILDINGS ARE DESTROYED. ACTIVITY -- NONE OBSERVED. [REDACTED] 25X1D	2858N 10627E	8616	[REDACTED]	427-B
HA NOI RR CAR REPAIR SHOPS GIA LAM 2.8 NM NE OF HA NOI. ALL CAR REPAIR SHOPS APPEAR DAMAGED OR DESTROYED. THE YARD IS SERVICEABLE. ACTIVITY -- 22 PIECES OF ROLLING STOCK. [REDACTED] 25X1D	2183N 10553E	8616	[REDACTED]	114-C

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NO FOREIGN DISSEM

25X1A

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NPIC/R-298/67

Target Numbers

	Target	25X1A	Coordinates	WAC	NPIC
				SE	NPIC
25X1D	YEN VIEN RR CLASSIFICATION YARD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] EXCEPT 2 THROUGH TRACKS APPEAR SERVICEABLE. ACTIVITY -- 28 PIECES OF DAMAGED/DESTROYED ROLLING STOCK.	25X1D	2105N 10555E	0616	[REDACTED] 487-A
25X1D	YEN VIEN RAIL YARD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D ACTIVITY -- NONE OBSERVED. [REDACTED] 25X1D	25X1D	2107N 10552E	0616	221-N
	HA NOI TRANSFORMER STATION DONG ANH	25X1D	2108N 10558E	0616	221-1
	HA NOI/LAO CAI RR SEGMENT 5 ENTIRE RAIL SEGMENT OBSERVED AND APPEARS SERVICEABLE. ACTIVITY -- APPROXIMATELY 85 PIECES OF ROLLING STOCK.	25X1D	2110N 10548E	0616	113-G
	VIET TRI RAILROAD YARD	25X1D	2118N 10526E	0616	262-G
25X1D	HA NOI/PING-HSIANG RR SEG 3 ENTIRE RAIL SEGMENT COVERED. POOR INTERPRETABILITY PRECLUDES DETERMINATION OF SERVICEABILITY. ACTIVITY -- APPROXIMATELY 85 PIECES OF ROLLING STOCK.	25X1A	2118N 10604E	0616	297-A
	HA NOI/PING-HSIANG RR SEG 2 ENTIRE RAIL SEGMENT COVERED, ALTHOUGH ONLY 8.5 NM (BETWEEN 21-33N 106-38E AND 21-39N 106-35E) OBSERVED ON INTERPRETABLE PHOTOGRAPHY. ACTIVITY -- 1 LOCOMOTIVE AND APPROXIMATELY 150 PIECES OF ROLLING STOCK.	25X1D	2132N 10627E	0616	211-A

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25X1A

NPIC/R-298/67

Target Numbers

SE NPIC

	Target	Coordinates	WAC	Target Numbers
25X1D	25X1D LANG GIAI RAILROAD YARD 9.7 NM SSW OF LANG GIAI AT UTM [REDACTED] RAIL YARD HAS BEEN SUBJECT TO AIRSTRIKES. LOCOMOTIVE REPAIR SHOP AND RAIL STATION ARE DESTROYED AND STUB LINE IS INTERDICITED. TURNING WYE AND ALL 4 THROUGH TRACKS APPEAR SERVICEABLE. ACTIVITY -- 33 PIECES OF APPARENTLY SERVICEABLE ROLLING STOCK AND 14 PIECES OF DESTROYED ROLLING STOCK. [REDACTED]	2141N 10639E	0616	[REDACTED] 223
25X1D	25X1A HA NOI/PING-HSIANG RR SEG 1 ENTIRE RAIL SEGMENT OBSERVED AND APPEARS SERVICEABLE. ACTIVITY -- 13 LOCOMOTIVES, APPROXIMATELY 410 PIECES OF ROLLING STOCK, AND 1 PROBABLE RAIL-MOUNTED CANTILEVER CRANE (INCLUDING CAR COUNT FOR DONG DANG RAIL YARD). [REDACTED]	2145N 10644E	0616	[REDACTED] 223-A
25X1D	DONG DANG RAILROAD YARD 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] ACTIVITY -- 11 LOCOMOTIVES AND 121 PIECES OF ROLLING STOCK. [REDACTED]	2156N 10641E	0616	[REDACTED] 357
25X1D	LAO CAI RAILROAD CLASSIFICATION YARD 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] ACTIVITY -- 39 PIECES OF ROLLING STOCK. [REDACTED]	2229N 10359E	0616	[REDACTED] 5-L
	25X1A HA NOI/LAO CAI RR SEGMENT 1 RAIL SEGMENT COVERED FROM LAO CAI (22-38N 103-58E) TO 22-13N 104-17E. ACTIVITY -- APPROXIMATELY 60 PIECES OF ROLLING STOCK IN THE LAO CAI RAILROAD YARD. [REDACTED]	2228N 10410E	0616	[REDACTED] 328-N
	25X1D			

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NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers	
			SE	NPIC
-- NAVAL/PORT FACILITIES --			25X1A	
CAT BA COASTAL TRANSSHIPMENT POINT WEST SIDE OF CAT BA. FACILITIES CONSIST OF 1 HEAVILY DAMAGED T-HEAD PIER AND 1 HEAVILY CRATERED QUAY. AREA IS INACTIVE. VESSELS -- NONE OBSERVED.	2643N 10703E	0615	[REDACTED]	118-A
25X1D 25X1A				
HA-TOU BOAT REPAIR YARD	2655N 10709E	0615		189-E
HON GAI PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D	2657N 10705E	0615		189-A
VESSELS -- 1 LARGE FREIGHTER TIED TO PIER AND 1 LARGE FREIGHTER ANCHORED IN HARBOR. 25X1D				
AP DA CHONG BARGE YARD 12.7 NM ENE OF HO GAI PORT FACILITY ON THE CHENAL DU CHATEAU RENAUD. YARD CONSISTS OF A SMALL CAMOUFLAGED FLOATING DOCK, 3 GRIDIRONS (CAREENING GRIDS) ON A MUOFLAT BETWEEN 2 KARST HILLS, AND 1 POSSIBLE GRIDIRON ON THE WESTERN EDGE OF THE TIDAL FLAT. VESSELS -- NONE OBSERVED.	2100N 10715E	0615		189-F
25X1D 25X1A				
CAM PHA PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D	2102N 10722E	0615		186
VESSELS -- 1 FREIGHTER TIED TO PIER. 25X1D 25X1A				
PORT WALLUT NAVAL BASE IN A COVE ON THE NW COAST OF THE ISLE DE KE-BAO (ISLAND) 15 NM NE OF CAM PHA AT UTM [REDACTED] 25X1D BASE HAS BEEN SUBJECT TO AIRSTRIKES. QUAY AND BOTH MARINE RAILWAYS ARE DAMAGED AND APPEAR UNSERVICEABLE.	2112N 10734E	0615		183-C
37	SECRET			

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NO FOREIGN DISSEM

NPIC/R-298/67

	Target	Coordinates	WAC	Target Numbers	
				BS	NPIC
25X1D	THREE BUILDINGS REMAIN INTACT, ALL OTHERS ARE DAMAGED OR DESTROYED. ONE PROBABLE PORTAL CRANE OBSERVED ON QUAY. INSTALLATION APPEARS INACTIVE. DB -- 2 CAMOUFLAGED POSSIBLE COMBATANTS, 1 AT UTM [REDACTED]			25X1A	
25X1D	KIEN AN SHIPYARD PHUONG CHU NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] VESSELS -- 5 BARGES UNDER CONSTRUCTION. [REDACTED] 25X1D	2858N 10634E	0616	[REDACTED]	109-Z5
25X1D	HAI PHONG SHIPYARD LACH TRAY 2 NM WSW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM [REDACTED] THE SHIPYARD CONSISTS OF 2 AREAS, BOTH OF WHICH HAVE BEEN SUBJECTED TO AIRSTRIKES. AREA A -- 4 TIDAL DRYDOCKS, 2 WITH SUPERFICIAL DAMAGE. AREA B -- 6 SUPPORT BUILDINGS (4 DESTROYED, 2 WITH STRUCTURAL DAMAGE), 1 GRAVING DOCK (SUPERFICIAL DAMAGE), 2 PROBABLE REPAIR WAYS (DESTROYED), AND 1 TIDAL DRYDOCK (SUPERFICIAL DAMAGE). [REDACTED]	2858N 10639E	0616	[REDACTED]	109-C2
25X1D	HAI PHONG SHIPYARD VINH KHE SOUTHWEST EDGE OF HAI PHONG ON THE WESTERN BANK OF THE SONG DAO LACH TRAY (RIVER) AT UTM [REDACTED] SMALL SHIPBUILDING FACILITY CONTAINS AT LEAST 2 MARINE RAILWAYS, 3 COVERED SHOPS, AND MATERIAL IN OPEN STORAGE. VESSELS -- 3 MEDIUM DRY CARGO BARGES AND 1 SMALL DRY CARGO BARGE UNDER CONSTRUCTION. [REDACTED]	2858N 10639E	0616	[REDACTED]	109-C3
	25X1D				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG CHANNEL ENTIRE TARGET AREA COVERED. 25X1D VESSELS -- 1 GENERAL CARGO FREIGHTER AND A POLTAVA MERCHANT VESSEL AT ANCHOR AT UTM [REDACTED] WITH DECK CARGO OF EIGHT [REDACTED] CYLINDRICAL STORAGE TANKS AND 6 TRUCKS. [REDACTED] 25X1D	2858N 10640E	#616		109-C
HAI PHONG SHIPYARD WEST WEST BANK OF SONG TRAM BAC (RIVER) AT UTM [REDACTED] AREA HAS BEEN SUBJECT TO AIRSTRIKES. ALL SUPPORT BUILDINGS ARE DESTROYED, THE EDGE OF THE WET DOCK HAS RECEIVED AT LEAST 2 HITS, THE COVERING OF THE 2 BUILDING WAYS IS DESTROYED, AND 1 GRAVING DOCK IS DAMAGED. [REDACTED] 25X1D	2851N 10639E	#616	25X1A	109-P5
HAI PHONG SHIP REPAIR YARD NO 2 SACRIC WEST BANK OF THE SONG TRAM BAC (RIVER) AT UTM [REDACTED] YARD HAS BEEN SUBJECT TO AIRSTRIKES. THE LAUNCHING BASIN IS EXTENSIVELY CRATERED, THE SIDE-LAUNCHING WAYS ARE HEAVILY DAMAGED, AND AT LEAST 8 BUILDINGS ARE DESTROYED/STRUCTURALLY DAMAGED. [REDACTED] 25X1D	2851N 10640E	#616		109-P3
HAI PHONG SHIP REPAIR YARD NO 3 SAUVAGE AT THE JUNCTION OF THE COMPURE DE HALY AND THE SONG TRAM BACH (RIVER) AT UTM [REDACTED] YARD CONTAINS 2 GRAVING DOCKS, 1 MOORING BASIN, 4 PROBABLE SHOPS, AND 4 FLOATING FITTING-OUT WHARVES. VESSELS -- NONE OBSERVED. [REDACTED] 25X1D	2851N 10640E	#616		109-P4
DOANG XA NAVAL DISPERSAL FACILITY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- 1 SWATOW PGM AND 1 YP. [REDACTED] 25X1D	2851N 10644E	#616		426-A

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NO FOREIGN DISSEM

NPIC/R-298/67

	Target	Coordinates	NAC	Target Numbers	
				BE	NPIC
25X1D	LAM DONG NAVAL DISPERSAL FACILITY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]	2852N 10638E	0616		536
25X1D	OB -- 1 S.O.-1 SC AND 3 UNIDENTIFIED COMBATANTS. [REDACTED]			25X1A	
	HAI PHONG NAVAL BASE AT THE MOUTH OF THE SONG TRAM BACH (RIVER) ON THE NW SIDE OF HAI PHONG IMMEDIATELY EAST OF HAI PHONG SHIPIARD NO 4 DANCETTE AT UTM [REDACTED] 25X1D BASE CONTAINS A GRAVING DOCK (APPROXIMATELY 165 X [REDACTED] FT), 3 MARINE RAILWAYS, A LARGE ADMINISTRATION BUILDING AND NUMEROUS SUPPORT BUILDINGS, A T-HEAD PIER AND FINGER PIER ON THE CUA CAM (RIVER), AND AN APPROXIMATE 210-FT WHARF ON THE WEST BANK OF THE SONG TRAM BACH. OB -- 1 S.O.-1 SC, 1 P-6 PT (SUNK AT FINGER PIER), AND 1 SWATOW PGM (STRIPPED). [REDACTED] 25X1D	2852N 10648E	0616	[REDACTED]	189-E
	HAI PHONG SHIPYARD NO 4 DANCETTE NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D VESSELS -- 1 FLOATING DRYDOCK, 2 LARGE DRY CARGO BARGES, 2 SMALL DRY CARGO BARGES, AND 3 SMALL RIVER CRAFT. [REDACTED] 25X1D	2852N 10648E	0616	[REDACTED]	189-Q
	HAI PHONG PORT FACILITY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D OB -- 1 S.O.-1 SC, 2 POSSIBLE P-4 PT, 1 SWATOW PGM, 1 CAU CAM YP, 3 SL-1, 1 LARGE-HATCH FREIGHTER, 8 GENERAL CARGO FREIGHTERS, AND 1 ATLANT SALVAGE TUG (155 FT LONG). (SEE ATTACHMENT) [REDACTED] 25X1D	2852N 10642E	0616	[REDACTED]	189-D

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NO FOREIGN DISSEM

Target	Coordinates	WAC	NPIC/R-298/67	
			SE	NPIC
HAI PHONG ICE PLANT WHARF NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- 5 P-6 PT AND 1 SL-1. OTHER VESSELS -- 1 GENERAL CARGO FREIGHTER. [REDACTED] 25X1D	2852N 10642E	#616		109-D2
CG PHUC SHIPYARD 25X1D NORTH EDGE OF CO PHUC ON THE SOUTH BANK OF THE SONG KINH MON (RIVER) AT UTM [REDACTED] SMALL SHIPYARD CONTAINS 6 SMALL BUILDINGS, A FURNACE, AND A OPEN STORAGE YARD CONTAINING UNIDENTIFIED MATERIAL. VESSELS -- 3 BARGES UNDER CONSTRUCTION. [REDACTED] 25X1D	2857N 10632E	#616	25X1A	427-E
NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BACH [REDACTED] 25X1D	2859N 10643E	#616		249-D
HA NOI PORT FACILITIES RED RIVER 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D VESSELS -- NUMEROUS SMALL CRAFT. [REDACTED] 25X1D	2100N 10552E	#616		112-S
THUONG THUY SHIPYARD 25X1D 2.5 NM WEST OF THUONG THUY AT UTM [REDACTED] FACILITIES CONSISTS OF 11 SUPPORT BUILDINGS, AT LEAST 1 CRANE, AND A SIDE LAUNCHING WAY. VESSELS -- NONE OBSERVED. [REDACTED] 25X1D	2105N 10545E	#616		112-Q3

41

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NO FORGEON DISSEM.

NPIC/R-298/67

Target	Coordinates	MAC	Target Numbers	
			BE	NPIC
25X1D STORAGE --				
HON GAI EXPLOSIVES STORAGE 25X1D	2859N 10706E	8615		189-C
DONG BAI SUPPLY DEPOT 2 STORAGE AREAS IN THE VICINITY OF DONG BAI ON ROUTE 6. AREA A (1.8 NM WNW AT UTM [REDACTED] -- 16 STORAGE BUILDINGS AND EXTENSIVE VEHICLE TRACKS. AREA B (ON BOTH SIDES OF ROUTE 6 AT UTM [REDACTED] -- 8 STORAGE BUILDINGS. 25X1D 25X1D	2852N 10538E	8616		261-B
BANG SO PETROLEUM PRODUCTS STORAGE PUG 25X1D	2853N 10553E	8616		266-H
VAN DIEN ARMY SUPPLY DEPOT 8.8 NM SOUTH OF VAN DIEN COMPLEX. 25X1D DEPOT CONSISTS OF 6 AREAS. AREA A (UTM [REDACTED] -- STORAGE AREA HAS BEEN DESTROYED. AREA B (UTM [REDACTED] -- BARRACKS AREA CONTAINS 3 BARRACKS AND 4 SUPPORT BUILDINGS. AREA C (UTM [REDACTED] -- BARRACKS AND STORAGE AREA CONSISTS OF 14 BARRACKS/STORAGE BUILDINGS AND 14 SUPPORT BUILDINGS. 25X1D AREA D (UTM [REDACTED] -- BARRACKS AREA CONTAINS 18 BARRACKS, 3 MULTISTORY ADMINISTRATION BUILDINGS (1 DAMAGED), AND 5 SUPPORT BUILDINGS. 25X1D AREA E (UTM [REDACTED] -- BARRACKS AND STORAGE AREA CONTAINS 4 STORAGE BUILDINGS, 4 PARTIALLY DAMAGED STORAGE BUILDINGS, AND 4 SUPPORT BUILDINGS. A RAZED BUILDING AREA IS NOW USED FOR VEHICULAR PARKING. (16 VEHICLES OBSERVED). 25X1D AREA F (UTM [REDACTED] -- BARRACKS AND STORAGE AREA CONTAINS 5 BARRACKS, AT LEAST 18 PROBABLE STORAGE BUILDINGS, AND 16 SUPPORT BUILDINGS.	2855N 10551E	8616		266-C

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NO FORGEON DISSEM.

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED]			25X1A	
VAN LA STORAGE DEPOT SOUTH	2056N 10545E	0616	[REDACTED]	256-D
HA NOI STORAGE AREA BAC HAI 2.1 NM SOUTH OF HA NOI RAILROAD CLASSIFICATION YARDS AT UTM [REDACTED] 25X1D PARTIALLY SECURED AREA CONTAINS APPROXIMATELY 30 DAMAGED/DESTROYED BUILDINGS. [REDACTED] 25X1D	2059N 10550E	0616	[REDACTED]	112-0
PHU LUU STORAGE AREA [REDACTED] 25X1D	2038N 10620E	0616	[REDACTED]	393
HAI PHONG POL TANK AND DRUM FABRICATION 1.5 NM SW OF HAI PHONG AT 20-58-[REDACTED]N 106-48-[REDACTED]E, UTM [REDACTED] 25X1D FACILITY CONSISTS OF 3 BARRACKS-TYPE BUILDINGS, 4 VEHICLE MAINTENANCE BUILDINGS, AND 6 SUPPORT BUILDINGS. ACTIVITY -- 28 POL TANKS IN VARIOUS STAGES OF FABRICATION. [REDACTED] 25X1D	2050N 10640E	0616	[REDACTED]	189-C1
HAI PHONG WAREHOUSE AREA SOUTHEAST ON SE EDGE OF HAI PHONG AT UTM [REDACTED] LARGE WALLED STORAGE AREA CONTAINS 14 LARGE WAREHOUSES, 9 SMALL SUPPORT BUILDINGS, AND A BUILDING WITH MANY ROOF VENTS. [REDACTED] 25X1D	2058N 10641E	0616	[REDACTED]	189-C4

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NO FOREIGN DISSEM~~25X1A
NPIC/R-290/67

Target	25X1D	Coordinates	WAC	Target Numbers	
				EE	NPIC
HAI PHONG WAREHOUSE AREA WEST WEST EDGE OF HAI PHONG AT UTM [REDACTED] LARGE PARTIALLY FENCED STORAGE AREA CONTAINS 24 WAREHOUSES AND 8 SUPPORT BUILDINGS. FACILITY IS BOTH ROAD AND WATER SERVED AND HAS 5 BOAT LANDINGS ON THE NE SHORE OF THE SONG TRAM BACH. [REDACTED] 25X1D		2051N 10639E	0616	[REDACTED]	189-P2
HAI PHONG PETROLEUM PRODUCTS STORAGE [REDACTED] 25X1D		2053N 10640E	0616	[REDACTED]	189-N
KE SAT MILITARY STORAGE AREA [REDACTED] 25X1D		2054N 10686E	0616	[REDACTED]	311
THAI LAI PETROLEUM PRODUCTS STORAGE [REDACTED] 25X1D		2055N 10637E	0616	[REDACTED]	427-A
HOANG LO STORAGE AREA [REDACTED] 25X1D		2055N 10654E	0616	[REDACTED]	249-H
THI CAM POL STORAGE [REDACTED] 25X1D		2101N 10545E	0616	[REDACTED]	462-B1
HA NOI STORAGE DEOPT CO BI NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- 3 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D		2101N 10555E	0616	[REDACTED]	114-B
HA NOI STORAGE AREA GIA THUONG [REDACTED] 25X1D		2103N 10553E	0616	[REDACTED]	114-D

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NO FOREIGN DISSEM~~

NPIG/R-290/67

Target	Coordinates	WAC	Target Numbers	
			RE	NPIG
THAP THUAN EXPLOSIVES STORAGE AREA	2104N 10539E	#616		462-H
SON DONG STORAGE	2105N 10538E	#616	25X1A	
THUONG CAT PETROLEUM PRODUCTS STORAGE	2105N 10545E	#616		112-Q1
HA NOI PETROLEUM PRODUCTS STORAGE DUC NOI	2107N 10552E	#616		221-K
HUNG VI MILITARY STORAGE AREA	2113N 10512E	#616		385-C
VINH YEN AMMUNITION DEPOT	2118N 10538E	#616		241-E
HUU THU TRAINING SITE	2122N 10548E	#616		321-A
CANH THUY PROBABLE STORAGE AREA	2112N 10615E	#616		526
CAM LY AMMUNITION DEPOT	2112N 10624E	#616		496

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				NPIC/R-298/67	
		Coordinates		Target Numbers	
				RE	NPIC
25X1D	Target				
VAN LINH STORAGE SOUTHEAST [REDACTED]		2137N 10634E	0616	[REDACTED]	495-A
LOC BINH STORAGE AREA [REDACTED]	25X1D	2141N 10657E	0616	25X1A	399-B
LAO CAI STORAGE AREAS [REDACTED]	25X1D	2238N 10359E	0616		5-M
DONG DANG MILITARY STORAGE AREA 4 NM NNW OF DONG DANG, NORTH VIETNAM, AND 7 NM SSW OF PING-HSIANG, CHINA. CIVILIAN IN APPEARANCE, THE INSTALLATION CONSISTS OF 2 AREAS. 25X1D AREA A (UTM [REDACTED]) -- 3# SMALL BARRACKS, 1 ADMINISTRATION BUILDING, 2 STORAGE BUILDINGS, 2 PROBABLE VEHICLE MAINTENANCE AND REPAIR BUILDINGS, 4 PROBABLE MAINTENANCE BUILDINGS, 1 PROBABLE MESSHALL, AND 16 SUPPORT/STORAGE BUILDINGS. EXTENSIVE TRENCHING IS OBSERVED THROUGHOUT THE MAINTENANCE AND REPAIR AREA. AREA B (UTM [REDACTED]) -- 6 PROBABLE STORAGE BUILDINGS AND 2 SUPPORT BUILDINGS AT THE BASE OF A HILL.		2208N 10648E	0616		357-A
25X1D	-- URBAN COMPLEXES --	25X1A			
TIEN YEN COMPLEX [REDACTED]	25X1D	2119N 10724E	0615	25X1A	104-C
DIEN BIEN PHU COMPLEX [REDACTED]	25X1D	2122N 10301E	0616	[REDACTED]	105-G

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25X1A

NPIC/B-298/67

		Target	25X1A	Coordinates	WAC	Target Numbers	
						DE	NPIC
	25X1D	BAC BIANG COMPLEX		2116N 10611E	0616		238
	KEP COMPLEX	25X1D		2124N 10617E	0616		397-G
25X1D	LANG SON COMPLEX	25X1D	25X1D	2151N 10645E	0616		119
	RAIL BRIDGE AT IUTM [REDACTED] SUBJECT TO AIRSTRIKE AT NORTHERN APPROACH BUT REMAINS SERVICEABLE. RAIL BRIDGE AT [REDACTED] SUBJECT TO AIRSTRIKE -- 2 SPANS REMAIN AND 3 SPANS ARE MISSING. FORD AT [REDACTED] IS WASHED OUT, AND THE MAIN RAIL/ROAD BRIDGE AT [REDACTED] IS BEING REPAIRED. OTHER FACILITIES SHOW NO APPARENT CHANGE SINCE [REDACTED]	25X1D		25X1D			
	ACTIVITY -- 3 LOCOMOTIVES, APPROXIMATELY 115 PIECES OF ROLLING STOCK, AND 15 VEHICLES OBSERVED WITHIN A 2-NM RADIUS OF THE COMPLEX.	[REDACTED]	25X1A				
	DONG DANG COMPLEX	25X1D		2156N 10642E	0616		357-E
	NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]	25X1D					
	ACTIVITY -- 6 LOCOMOTIVES WITH TENDERS AND 123 PIECES OF ROLLING STOCK.	[REDACTED]	25X1A				
	LAO CAI COMPLEX	25X1D		2230N 10358E	0616		5
	NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]	25X1D					
	ACTIVITY -- APPROXIMATELY 40 PIECES OF ROLLING STOCK AND 10 PROBABLE TRUCKS.	[REDACTED]	25X1A				
	CAO BANG COMPLEX			2239N 10615E	0616		134-A
	[REDACTED]	25X1D					

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25X1D

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NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers
-- MISCELLANEOUS --			
DISPERSED HOOK IN OPEN FIELD 3 NM NW OF THE HA NOI RAILROAD YARDS. ONE HOOK OBSERVED AT UTM [REDACTED]	2103N 10547E	25X1A	888
[REDACTED] 25X1D 25X1D			
CAM DAI POSSIBLE PRISON [REDACTED]	2109N 10528E		288-A
25X1D			

48

Approved For Release 2000/04/17 : CIA-RDP78B04560A006100010056-0

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INDEX	PAGE
-CHINA-	
PAI-MA-CHING PORT FACILITIES	1
PEI-LI AIR WARNING RADAR FACILITY	1
PEI-LI PORT FACILITIES	1
-NORTH VIETNAM-	
AP DA CHONG BARGE YARD	37
BAC BIANG COMPLEX	47
BAC CAN ARMY BKS AND SUPPLY DEPOT	29
BAC GIANG MILITARY AREA	28
BAC NINH ARMY BARRACKS	28
BAN YEN NHAN ARMY BARRACKS	22
BANG SO PETROLEUM PRODUCTS STDRAGE PUG	42
BINH HA BARRACKS AREA	25
CAM DAI POSSIBLE PRISON	48
CAM LY AMMUNITION DEPOT	45
CAM PHA PORT FACILITIES	37
CANH THUY PROBABLE STORAGE AREA	45
CAO BANG AIRFIELD	19
CAO BANG COMPLEX	47
CAT BA COASTAL TRANSSHIPMENT POINT	37
25X1D	
CHU MAU PROBABLE BARRACKS AREA	28
CHUC SON ARMY BARRACKS NORTH	28
CO MANH MILITARY CAMP	28
CO PHUC SHIPYARD	41
COT NGANH ARMY BARRACKS WEST	28
COT NGANH BARRACKS NORTHEAST	28
DA PHUC MILITARY CAMP NNW	27
DA PHUC MILITARY CAMP SW	27
DAI MO ARMY BARRACKS WSW	21

SECRET

NPIC/R-29B/67

	PAGE
DAN HOI ARMY BARRACKS SOUTH	25
DIEN BIEN PHU COMPLEX	46
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE	23
DISPERSED HOOK IN OPEN FIELD	48
DOANG XA NAVAL DISPERSAL FACILITY	39
DONG BAI SUPPLY DEPOT	42
DONG DANG COMPLEX	47
DONG DANG MILITARY STORAGE AREA	46
DONG DANG RAILROAD YARD	36
25X1D [REDACTED]	48
DONG LAC ARMY BARRACKS	25
DONG LAI/PHUC YEN AW/GCI FACILITY	32
DUC NOI AIR WARNING RADAR FACILITY	31
DUC THANG ARMY BARRACKS EAST	27
DUC THANG ARMY BARRACKS NWW	27
GIAP NHAT SUPPLY & MAINTENANCE FACILITY	21
HA DONG ARMY BARRACKS	21
HA DONG ARMY BARRACKS SW	21
HA DONG AW/GCI FACILITY	30
HA DONG RADAR FACILITY	30
25X1D HA DONG TRANSFORMER STATION	33
HA NOI AREA ARMY BARRACKS WEST YEN LANG	45
HA NOI ARMY BARRACKS BAG MAI AIRFIELD	24
HA NOI ARMY BARRACKS NE GIA THUONG	21
HA NOI ARMY BARRACKS NWW THUY PHUONG	25
HA NOI ARMY BARRACKS WEST MAI DICH	25
HA NOI ARMY BARRACKS WNW MAI DICH	24
HA NOI BARRACKS AREA GIAP LUC	24
HA NOI HELICOPTER DISPERSAL AREA	21
HA NOI HF COMMUNICATIONS FAC HA DONG	18
HA NOI HF COMMUNICATIONS FAC NW	30
HA NOI HF COMMUNICATIONS FAC PHU COC	31
HA NOI HF COMMUNICATIONS FAC SON DONG	30
	31

58

NPIC/R-29B/67

	PAGE
HA NOI LIGHT FAB AND MAINT FACILITY NGUYEN KHE	33
HA NOI MILITARY STORAGE AREA PHU THI	23
HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL HQ	24
HA NOI MV REPAIR AND REASSEMBLY PLANT [REDACTED]	32
25X1D	43
HA NOI PETROLEUM PRODUCTS STORAGE DUC NUI	45
HA NOI PORT FACILITIES RED RIVER	41
HA NOI POSSIBLE BARRACKS AREA BAC MAI	19
HA NOI PROBABLE MILITARY AREA	24
HA NOI RADIO COMMUNICATION STATION NORTHWEST	31
HA NOI RADIO STATION DAI MO	30
HA NOI RR CAR REPAIR SHOPS GIA LAM	34
HA NOI RUBBER PRODUCTS PLANT	32
HA NOI SAM SITE A01-2 (133)	18
HA NOI SAM SITE A01A-2 (242)	11
HA NOI SAM SITE A05-2 (158)	11
HA NOI SAM SITE A10-2 (14)	8
HA NOI SAM SITE A11-2 (9)	8
HA NOI SAM SITE A14-2 (142)	3
HA NOI SAM SITE A15-2 (243)	3
HA NOI SAM SITE A17A-2 (45)	2
HA NOI SAM SITE A19-2 (15)	2
HA NOI SAM SITE A24-2 (19)	3
HA NOI SAM SITE A29-2 (4)	9
HA NOI SAM SITE A31-2 (159)	9
HA NOI SAM SITE A33-2 (125)	11
HA NOI SAM SITE A34-2 (244)	18
HA NOI SAM SITE B01-2 (119)	12
HA NOI SAM SITE B01A-2 (124)	12
HA NOI SAM SITE B04-2 (5)	11
HA NOI SAM SITE B04A-2 (186)	15
HA NOI SAM SITE B07-2 (95)	14
HA NOI SAM SITE B07A-2 (148)	14
HA NOI SAM SITE B12-2 (3)	7

51

~~SECRET~~

NPIC/R-29B/67

	PAGE
HA NOI SAM SITE B13-2 (184)	5
HA NOI SAM SITE B16-2 (162)	2
HA NOI SAM SITE B17-2 (1)	2
HA NOI SAM SITE B21-2 (2)	2
HA NOI SAM SITE B25-2 (11)	2
HA NOI SAM SITE B26-2 (189)	8
HA NOI SAM SITE B27-2 (180)	3
HA NOI SAM SITE B29-2 (17)	9
HA NOI SAM SITE B3#-2 (16)	18
HA NOI SAM SITE B3#A-2 (43)	11
HA NOI SAM SITE B32-2 (146)	12
HA NOI SAM SITE B33-2 (64)	11
HA NOI SAM SITE B34A-2 (234)	12
HA NOI SAM SITE C#1-2 (53)	13
HA NOI SAM SITE C#1A-2 (63)	13
HA NOI SAM SITE C#1B-2 (128)	13
HA NOI SAM SITE C#10-2 (195)	13
HA NOI SAM SITE C#1E-2 (205)	13
HA NOI SAM SITE C#2-2 (56)	13
HA NOI SAM SITE C#3-2 (138)	15
HA NOI SAM SITE C#3A-2 (141)	15
HA NOI SAM SITE C#3B-2 (167)	15
HA NOI SAM SITE C#4-2 (54)	16
HA NOI SAM SITE C#4A-2 (57)	15
HA NOI SAM SITE C#5-2 (62)	15
HA NOI SAM SITE C#5B-2 (171)	16
HA NOI SAM SITE C#6-2 (32)	16
HA NOI SAM SITE C#6A-2 (78)	15
HA NOI SAM SITE C#7-2 (38)	14
HA NOI SAM SITE C11-2 (84)	7
HA NOI SAM SITE C12-2 (80)	6
HA NOI SAM SITE C13-2 (81)	4
HA NOI SAM SITE C16-2 (166)	4
HA NOI SAM SITE C17-2 (147)	4

52

	PAGE
HA NOI SAM SITE C17A-2 (161)	1
HA NOI SAM SITE C17B-2 (165)	4
HA NOI SAM SITE C28-2 (13)	10
HA NOI SAM SITE C29A-2 (211)	10
HA NOI SAM SITE C30-2 (7)	12
HA NOI SAM SITE C30D-2 (92)	12
HA NOI SAM SITE C32-2 (143)	12
HA NOI SAM SITE C33-2 (128)	12
HA NOI SAM SITE D04-2 (331)	16
HA NOI SAM SITE D06-2 (185)	15
HA NOI SAM SITE D31B-2 (29)	13
HA NOI SAM SITE D31C-2 (131)	13
HA NOI SAM SITE E07-2 (311)	16
HA NOI SAM STORAGE/ASSEMBLY & BKS GIA LAM	9
HA NOI STORAGE AREA BAC MAI	43
HA NOI STORAGE AREA GIA THUONG	44
HA NOI STORAGE DEOPT CO BI	44
HA NOI TRANSFORMER STATION DONG ANH	35
HA NOI VEHICLE & RADAR MAINTENANCE FACILITY	24
HA NOI/LAO CAI RR SEGMENT 1	36
HA NOI/LAO CAI RR SEGMENT 5	35
HA NOI/PING-HSIANG RR SEG 1	36
HA NOI/PING-HSIANG RR SEG 2	35
HA NOI/PING-HSIANG RR SEG 3	35
HA TOU BOAT REPAIR YARD	37
HAI DUONG BARRACKS NORTH	23
HAI DUONG BARRACKS WEST	22
HAI DUONG MILITARY INSTALLATION	23
HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG	22
HAI PHONG ARMY BARRACKS KIEN AN	22
HAI PHONG ARMY BARRACKS NORTH	22
HAI PHONG ARMY BARRACKS SE CAT BI	22
HAI PHONG CEMENT PLANT	32
HAI PHONG CHANNEL	39

53

SECRET

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NO FOREIGN DISSEM

NPIC/R-298/67

PAGE

HAI PHONG HF COMMUNICATIONS FAC	31
HAI PHONG ICE PLANT WHARF	41
HAI PHONG NAVAL BASE	48
HAI PHONG ORDNANCE DEPOT KIEN AN	22
HAI PHONG PETROLEUM PRODUCTS STORAGE	44
HAI PHONG POL TANK AND DRUM FABRICATION	43
HAI PHONG PORT FACILITY	48
HAI PHONG RR STATION CLASS YD & SHOPS	33
HAI PHONG SAM SITE A02-2 (85)	7
HAI PHONG SAM SITE A02A-2 (253)	7
HAI PHONG SAM SITE A06-2 (135)	8
HAI PHONG SAM SITE A07-2 (55)	7
HAI PHONG SAM SITE A14-2 (137)	5
HAI PHONG SAM SITE A14A-2 (228)	5
HAI PHONG SAM SITE A17-2 (34)	5
HAI PHONG SAM SITE A17A-2 (86)	4
HAI PHONG SAM SITE A20-2 (25)	4
HAI PHONG SAM SITE A22-2 (252)	5
HAI PHONG SAM SITE A23-2 (66)	4
HAI PHONG SAM SITE A26-2 (246)	5
HAI PHONG SAM SITE A27-2 (99)	6
HAI PHONG SAM SITE A29-2 (21)	6
HAI PHONG SAM SITE A29A-2 (37)	6
HAI PHONG SAM SITE A29B-2 (236)	6
HAI PHONG SAM SITE A31-2 (78)	6
HAI PHONG SAM SITE A31A-2 (219)	6
HAI PHONG SAM SITE A33-2 (71)	7
HAI PHONG SAM SITE A33A-2 (93)	7
HAI PHONG SAM SITE B01-2 (35)	14
HAI PHONG SAM SITE B01A-2 (121)	13
HAI PHONG SAM SITE B06-2 (47)	8
HAI PHONG SAM SITE B06B-2 (139)	8
HAI PHONG SAM SITE B07-2 (98)	1
HAI PHONG SAM SITE B25-2 (238)	4

54

~~SECRET~~
NO FOREIGN DISSEM

	PAGE
HAI PHONG SAM SITE B27-2 (289)	5
HAI PHONG SAM SITE B28-2 (68)	6
HAI PHONG SAM SITE B38-2 (61)	8
HAI PHONG SAM SITE B33-2 (38)	14
HAI PHONG SAM SITE B34-2 (104)	14
HAI PHONG SAM SITE B36-2 (251)	13
HAI PHONG SAM SITE C26-2 (229)	5
HAI PHONG SAM SITE C27-2 (224)	5
HAI PHONG SAM SITE C28-2 (73)	6
HAI PHONG SAM SITE C38-2 (72)	13
HAI PHONG SAM SITE C32-2 (58)	14
HAI PHONG SAM SITE C32A-2 (59)	14
HAI PHONG SAM SITE D22-2 (152)	4
HAI PHONG SAM SITE D23-2 (174)	4
HAI PHONG SAM SITE D35A-2 (97)	16
HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AREA	7
HAI PHONG SHIP REPAIR YARD NO 2 SACRIC	39
HAI PHONG SHIP REPAIR YARD NO 3 SAUVAGE	39
HAI PHONG SHIPYARD LACH TRAY	38
HAI PHONG SHIPYARD NO 4 DANDETTE	40
HAI PHONG SHIPYARD VINH KHE	38
HAI PHONG SHIPYARD WEST	39
HAI PHONG THERMAL POWERPLANT EAST	34
HAI PHONG THERMAL POWERPLANT WEST	33
HAI PHONG TRANSFORMER STATION	34
HAI PHONG WAREHOUSE AREA SOUTHEAST	43
HAI PHONG WAREHOUSE AREA WEST	44
HAI PHONG/CAT BI AIRFIELD	17
HAI PHONG/KIEN AN AIRFIELD	17
HANOI/BAC MAI AIRFIELD	16
HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY	31
HANOI/BAC MAI AW/GCI FACILITY	31
HANOI/GIA LAM AIRFIELD	17
HOA BINH SAM SITE A04-2 (210)	2

~~SECRET~~

NO FOREIGN DISSEM

NPIC/R-298/67

	PAGE
HOA BINH SAM SITE B02-2 (237)	18
HOA BINH SAM SITE B03-2 (249)	3
HOA BINH SAM SITE B04-2 (247)	9
HOA BINH SAM SITE B08-2 (212)	2
HOA BINH SAM SITE B08A-2 (245)	2
HOA LAC AIRFIELD	17
HOA LAC AIRFIELD ILS COMPONENT	38
HOA LAC HELICOPTER DISP AREA	18
HOANG LO STORAGE AREA	44
HON GAI EXPLOSIVES STORAGE	42
HON GAI PORT FACILITIES	37
HUNG HOA ARMY BARRACKS AND SUPPLY DEPOT	26
HUNG NHI MILITARY BARRACKS	26
HUNG VI MILITARY STORAGE AREA	45
HUU THU TRAINING SITE	45
KE SAT MILITARY STORAGE AREA	44
KEP AIRFIELD	19
KEP COMPLEX	47
KEP HA AIRFIELD	18
KEP HA ARMY BARRACKS NORTHEAST	29
KEP HA ARMY BARRACKS SOUTH	29
KIEN AN SHIPYARD PHUONG CHU	38
KINH NO MILITARY INSTALLATION	25
KINH NO MV REPAIR PLANT CUONG NO	26
LAM DONG NAVAL DISPERAL FACILITY	48
LANG GIAI RAILROAD YARD	36
LANG NHON BARRACKS AND STORAGE AREAS	29
LANG SON AIRFIELD	19
LANG SON ARMY BARRACKS	29
LANG SON COMPLEX	47
LAO CAI AIRFIELD	19
LAO CAI ARMY BARRACKS	29
LAO CAI COMPLEX	47
LAO CAI RAILROAD CLASSIFICATION YARD	36

~~SECRET~~

NO FOREIGN DISSEM

	PAGE
LAO CAI STORAGE AREAS	46
LOC BINH ARMY SUPPLY DEPOT	29
LOC BINH STORAGE AREA	46
LOI DONG ARMY BARRACKS	22
MAT SON BARRACKS AREA	28
MY KHE MILITARY AREAS	27
NGUYEN KHE STORAGE AREA TOWN	26
NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BACH	41
NINH DUONG ARMY BARRACKS SW NGA MY	28
NOI BAI RADIO BROADCAST STATION	32
NUI VIEN NAM AW/GCI FACILITY	38
NUOC HAI BARRACKS AND STORAGE AREAS	29
PHAM XA RR CLASSIFICATION YARD	34
PHU LUU STORAGE AREA	43
PHU THO CHEMICAL FERTILIZER PLANT LAM THAO	33
PHU YEN MILITARY INSTALLATION	20
PHUC YEN AIRFIELD	18
PHUC YEN AIRFIELD BARRACKS	26
PHUC YEN ARMY BARRACKS	26
PHUC YEN ILS COMPONENT	32
PHUC YEN/DUC HAU AW/GCI FACILITY	32
PORT WALLUT NAVAL BASE	37
SEPT PAGODES BARRACKS & STORAGE AREA	28
SON DONG ARMY BARRACKS AND SCHOOL	24
SON DONG MILITARY BARRACKS SW	23
SON DONG STORAGE	45
SON TAY ARMY BARRACKS SW TONG	25
THAI LAI PETROLEUM PRODUCTS STORAGE	44
25X1D	48
THANH TRI BARRACKS AREA	27
THAP THUAN EXPLOSIVES STORAGE AREA	45
THI CAM POL STORAGE	44
THO KHOI HELICOPTER DISPERSAL AREA	17
THUAN TON AIR WARNING RADAR FACILITY	31

57

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NPIC/R-298/67

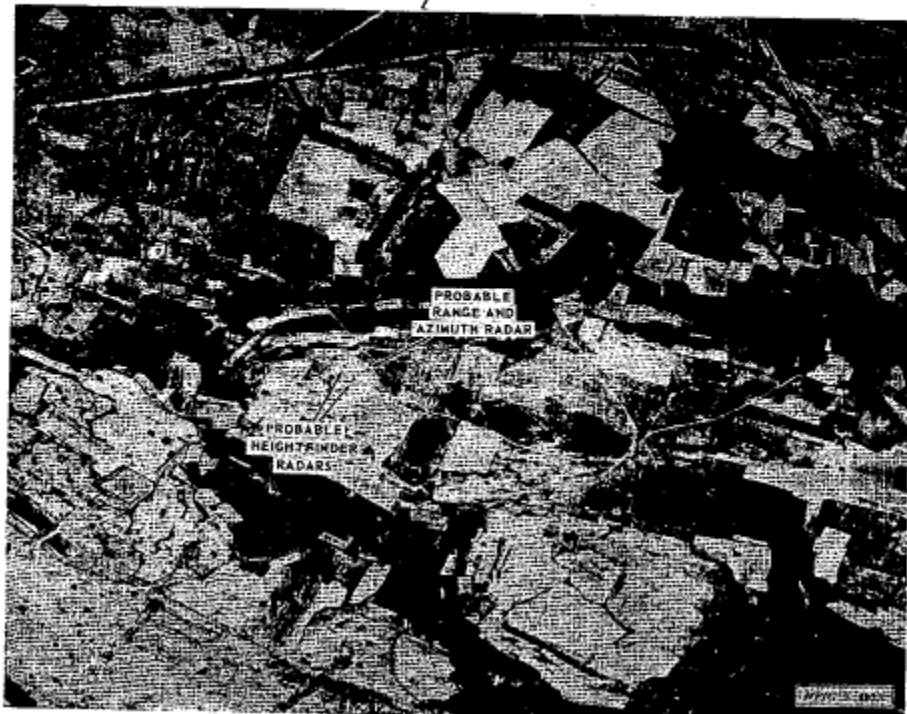
PAGE

THUONG CAT PETROLEUM PRODUCTS STORAGE	45
THUONG DINH ARMY BARRACKS NORTH	28
THUONG LAM MILITARY AREAS	28
THUONG THUY SHIPYARD	41
TIEN YEN AIRFIELD	16
TIEN YEN COMPLEX	46
TINH TUC TIN SHELTER AND REFINERY	29
TONG AIRFIELD	33
VAN DIEN ARMY SUPPLY DEPOT	18
VAN LA STORAGE DEPOT SOUTH	42
VAN LINH STORAGE SOUTHEAST	43
VAN PHAI BARRACKS AREAS	46
VAN TRAI MILITARY AREAS	27
VANG DANH ORE PROCESSING NEW	28
VIET TRI RAILROAD YARD	33
VINH SAM SITE C32B-2 (149)	35
VINH YEN AMMUNITION DEPOT	16
VINH YEN ARMY BARRACKS AND TRAINING AREA NORTH	45
XOM BAI ARMY BARRACKS NE THACH SON	27
XOM CHAN DA MILITARY INSTALLATION	27
XUAN MAI ARMY BARRACKS NNM HOA MUC	25
XUAN MAI ARMY BARRACKS SSW	21
YEN SO BARRACKS AREA	28
YEN VIEN RAIL YARD	24
YEN VIEN RR CLASSIFICATION YARD	35

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ATTACHMENT 1



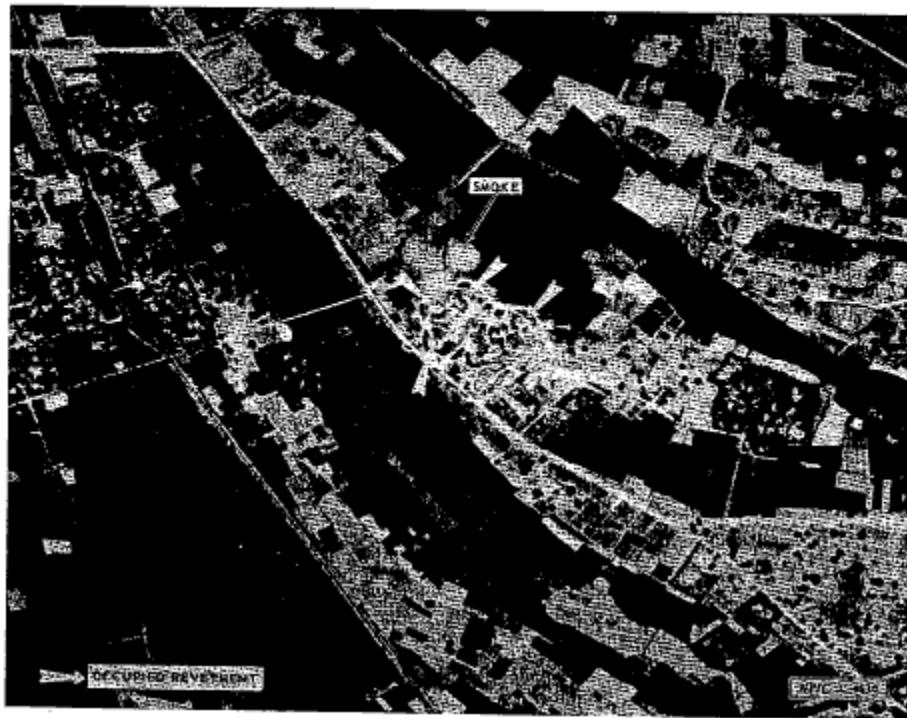
PET-LI AIR WARNING RADAR FACILITY, CHINA

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ATTACHMENT 2

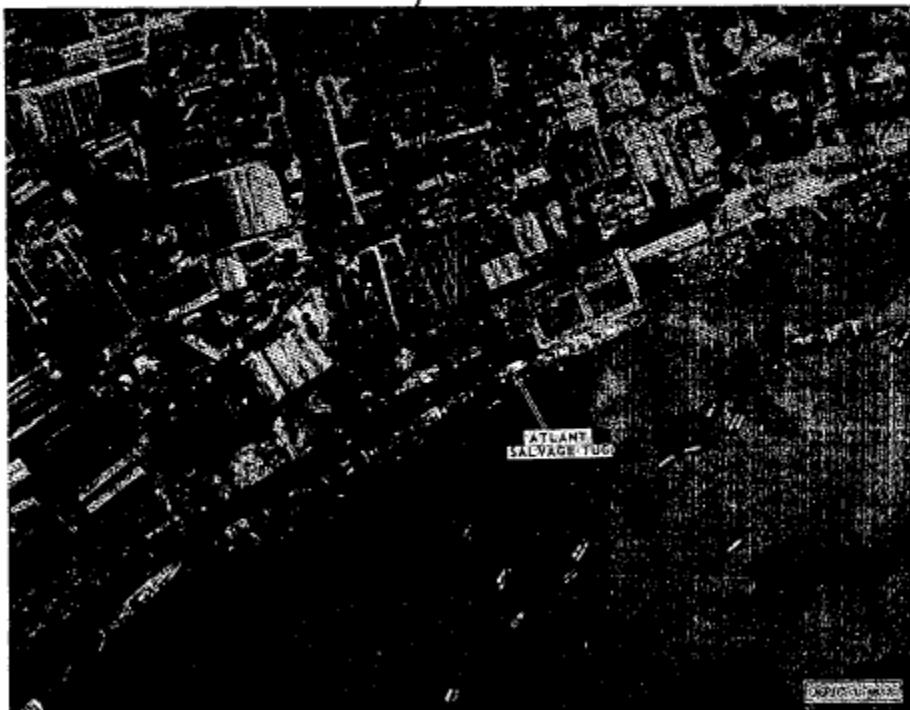


HA NOI SAM SITE ADT-2 (133), NORTH VIETNAM

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ATTACHMENT 3



ATLANT OCEAN-GOING SALVAGE TUG, HAIPHONG PORT, NORTH VIETNAM

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